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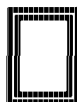


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MAGNETIC GRADIENT CONTOUR MAP w/ GEOPHYSICAL SURVEY GRID - PARTIALLY SCANNED



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Sauget Area 2 Sites Group

February 1st, 2002

Mr. Mike Ribordy
U.S. EPA - Region 5
77 West Jackson Boulevard (SR-6J)
Chicago, Illinois 60604-3590

RE: Sauget Area 2 Sites

Deliver by Overnight Mail
Monday Delivery

Dear Mike:

Attached, please find a Memorandum summarizing the sampling investigation recently completed at Site Q.

Also included is a CD ROM that contains the following information:

In Excel Format:

The original data received from STL laboratories.

In Acrobat / PDF Format:

Dot maps summarizing the results of the Site Q sampling for:

- Total VOCs in Soil Gas
- Total VOCs in Soil
- Total SVOCs in Soil
- Total Antimony in Soil
- Total Arsenic in Soil
- Total Barium in Soil
- Total Cadmium in Soil
- Total Chromium in Soil
- Total Copper in Soil
- Total Lead in Soil
- Total Mercury in Soil
- Total Nickel in Soil
- Total Selenium in Soil
- Total Silver in Soil
- Total Thallium in Soil
- Total Zinc in Soil

A Magnetic Gradient Contour Map of Site Q

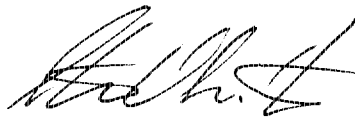
Site Q map showing sampling locations

Maps of Sites O, P, Q, R and S showing the proposed locations of the Test Trenches

With your package we have also included a paper copy of all of the above, with the exception of the original data. Paper copies of the original data will be sent to you with the January SA2SG Monthly Report.

Any questions please call.

Sincerely,

A handwritten signature in black ink, appearing to read "S.D. Smith", written in a cursive style.

Steven D. Smith
Project Coordinator

cc: Sandra Bron - Illinois EPA
Kevin de la Bruere - U.S. Fish & Wildlife
Mike Henry - Illinois Department of Natural Resources
Peter Barrett - CH2M Hill
SA2SG File



Memorandum

Date: January 4, 2002

To: Steve Smith, SA2SG Project Manager

From: Bob Veenstra, URS Project Manager

Subject: **Sauget Area 2 – Summary of Site Q Screening Activities**

A field investigation was conducted at Site Q during the period beginning on October 30, 2001 and continuing through November 29, 2001. During this time, both soil and soil gas samples were collected for analysis in on-site laboratories and a magnetometer survey was done at the site.

As discussed in the work plan, the magnetometer survey at this site was to be done on a 50-foot grid, resulting in magnetometer readings being collected every 50 feet throughout the site. The magnetometer survey crew actually collected readings every 2.5 feet along transects that ran across the site at fifty-foot intervals. There were numerous obstacles encountered on site, since commercial operations are active on much of Site Q. Several obstacles (such as buildings and piles of mulch, gravel, sand, etc.) could not be moved and therefore no magnetometer survey was done in these areas. Where obstacles were present on site that could be moved (such as pallets or truck trailers), they were temporarily relocated when necessary to obtain a magnetometer reading at a minimum of every fifty feet along each transect. (Note that the USEPA's subcontractor (CH2M Hill) approved moving magnetometer locations as much as 20 feet to avoid obstacles, and this was done when necessary.) The magnetometer survey was completed across the entire site, except for the areas of the site where we did not have access agreements. The results of this magnetometer survey are presented on Figure 1.

In addition to significant obstacles being present due to commercial operations, tree and brush removal was also necessary in the southern portion of Site Q in order to complete both the Geoprobe sampling and the magnetometer survey.

As discussed in the work plan, both soil and soil gas samples were collected across the entire site on a 200-foot grid. This 200-foot grid was independent of the magnetometer survey's 50-foot grid (i.e. they were not necessarily co-located – mostly due to access issues). Based on the configuration of the Site Q boundaries and this 200-foot grid, a total of 228 potential sampling locations were identified. There were 190 Geoprobe locations at Site Q that were located on property for which access agreements were in place during this field investigation. Of these 190 Geoprobe locations, two locations (Q-142 and Q-203) were moved to a part of the site for which access agreements were not in place, to avoid underground pipelines. All Geoprobe sample locations are presented on Figure 2. Table 1 presents all of the Geoprobe sample locations and identifies if they were completed during this investigation.

USEPA's subcontractor (CH2M Hill) approved moving Geoprobe locations as much as 30 feet without additional approval from them, to avoid obstacles on site. An agreement was also reached that any

Geoprobe location that needed to be moved greater than 30 feet and less than 100 feet should be cleared with them prior to sampling that location. Additionally it was agreed that any location that needed to be moved greater than 100 feet would not be done, with their approval. Clarification logs were filled out when any Geoprobe sample was moved greater than 30 feet, since USEPA's approval was necessary for all of these locations.

Four of the 190 Geoprobe locations for which access agreements were in place will not be done as agreed to by the USEPA's subcontractor, for the following reasons:

- Q-29 will not be done because it is located underneath a building and we cannot get within 100 feet of the original location.
- Q-87 will not be done because refusal was encountered at two feet below ground surface at several locations in this area, after moving the boring in several different directions.
- Q-104 will not be done because it is located in an area that has very recently been backfilled with soil and concrete rubble with rebar. It does not appear to be safe to drive on this area with a truck.
- Q-126 will not be done because it is located in the center of a pile of concrete rubble and debris, and we cannot get within 100 feet of the original location.

As a result, 184 Geoprobe locations were completed during this field investigation. Both soil and soil gas samples were collected from all of these locations except for two (as approved by the USEPA's subcontractor), for the following reasons:

- No soil gas sample was collected from sample location Q-212 because groundwater was encountered in the boring at a very shallow depth.
- No soil gas sample was collected from sample location Q-221 because groundwater was encountered in the boring at a very shallow depth.

Four soil gas "step-out" locations were identified and implemented, in accordance with the work plan, to the south of the southern boundary of Site Q. These samples were numbered: Q-229, Q-230, Q-231 and Q-232. The first location Q-229 was "stepped out" approximately 100 feet from the southern site boundary, and the remaining locations were located approximately 200 feet, 300 feet and 400 feet from the southern site boundary, respectively.

All of the 182 soil gas samples that were collected were analyzed on site by Hydrologic, Inc, for total volatile organic compounds. These results were reported in parts per billion volume (ppbV) and are presented on Figure 3.

All of the 184 soil samples that were collected were analyzed on site by Severn Trent Laboratories for volatile organic compounds, semi-volatile organic compounds and metals by XRF. These results are presented on Figures 4 through 18.

Prior to beginning Geoprobe sampling at this site, six hand auger samples were collected from across the site for metals analysis only. These samples were to be run in triplicate at the local Severn Trent Laboratory that was located in Earth City, Missouri. These metals sample results were used by the on-site Severn Trent Laboratory as a part of an XRF calibration study for this site.

TABLE 1
SAMPLE COLLECTION DATA FOR SITE Q
SAUGET AREA 2 - NOVEMBER, 2001

Sample Location	Soil Gas Samples		Soil Samples		Comments
	Was sample collected?	Date Collected	Was sample collected?	Date Collected	
Q-1	Yes	11/6/01	Yes	11/6/01	
Q-2	Yes	11/6/01	Yes	11/6/01	
Q-3	Yes	11/7/01	Yes	11/6/01	
Q-4	Yes	11/13/01	Yes	11/6/01	
Q-5	Yes	11/7/01	Yes	11/6/01	
Q-6	Yes	11/7/01	Yes	11/6/01	
Q-7	Yes	11/7/01	Yes	11/6/01	
Q-8	Yes	11/7/01	Yes	11/6/01	
Q-9	Yes	11/7/01	Yes	11/7/01	
Q-10	Yes	11/13/01	Yes	11/13/01	
Q-11	Yes	11/7/01	Yes	11/7/01	
Q-12	Yes	11/13/01	Yes	11/13/01	
Q-13	Yes	11/7/01	Yes	11/7/01	
Q-14	Yes	11/14/01	Yes	11/14/01	
Q-15	Yes	11/7/01	Yes	11/7/01	
Q-16	Yes	11/18/01	Yes	11/14/01	
Q-17	Yes	11/7/01	Yes	11/7/01	
Q-18	Yes	11/18/01	Yes	11/14/01	
Q-19	Yes	11/18/01	Yes	11/14/01	
Q-20	Yes	11/19/01	Yes	11/14/01	
Q-21	Yes	11/18/01	Yes	11/14/01	
Q-22	Yes	11/18/01	Yes	11/14/01	
Q-23	Yes	11/18/01	Yes	11/18/01	Moved 60 ft southeast due to debris and fallen trees
Q-24	Yes	11/19/01	Yes	11/8/01	
Q-25	Yes	11/19/01	Yes	11/8/01	
Q-26	Yes	11/19/01	Yes	11/8/01	
Q-27	Yes	11/19/01	Yes	11/8/01	
Q-28	Yes	11/19/01	Yes	11/8/01	
Q-29	No	NA	No	NA	Will not be collected-under building
Q-30	Yes	11/19/01	Yes	11/8/01	
Q-31	Yes	11/18/01	Yes	11/18/01	
Q-32	Yes	11/18/01	Yes	11/14/01	
Q-33	Yes	11/19/01	Yes	11/8/01	
Q-34	Yes	11/19/01	Yes	11/8/01	
Q-35	Yes	11/19/01	Yes	11/8/01	
Q-36	Yes	11/11/01	Yes	11/8/01	
Q-37	Yes	11/11/01	Yes	11/8/01	
Q-38	Yes	11/11/01	Yes	11/8/01	
Q-39	Yes	11/19/01	Yes	11/8/01	
Q-40	Yes	11/11/01	Yes	11/11/01	
Q-41	Yes	11/19/01	Yes	11/8/01	
Q-42	Yes	11/20/01	Yes	11/8/01	
Q-43	Yes	11/20/01	Yes	11/8/01	
Q-44	Yes	11/7/01	Yes	11/7/01	
Q-45	Yes	11/10/01	Yes	11/10/01	
Q-46	Yes	11/11/01	Yes	11/11/01	
Q-47	Yes	11/19/01	Yes	11/15/01	
Q-48	Yes	11/20/01	Yes	11/15/01	
Q-49	Yes	11/20/01	Yes	11/15/01	

TABLE 1
SAMPLE COLLECTION DATA FOR SITE Q
SAUGET AREA 2 - NOVEMBER, 2001

Sample Location	Soil Gas Samples		Soil Samples		Comments
	Was sample collected?	Date Collected	Was sample collected?	Date Collected	
Q-50	Yes	11/11/01	Yes	11/9/01	
Q-51	Yes	11/10/01	Yes	11/10/01	
Q-52	Yes	11/11/01	Yes	11/11/01	
Q-53	Yes	11/19/01	Yes	11/15/01	
Q-54	Yes	11/20/01	Yes	11/15/01	
Q-55	Yes	11/20/01	Yes	11/15/01	
Q-56	Yes	11/11/01	Yes	11/7/01	
Q-57	Yes	11/10/01	Yes	11/10/01	
Q-58	Yes	11/11/01	Yes	11/11/01	
Q-59	Yes	11/19/01	Yes	11/15/01	
Q-60	Yes	11/20/01	Yes	11/15/01	
Q-61	Yes	11/11/01	Yes	11/7/01	
Q-62	Yes	11/11/01	Yes	11/9/01	
Q-63	Yes	11/10/01	Yes	11/10/01	
Q-64	Yes	11/11/01	Yes	11/11/01	
Q-65	Yes	11/19/01	Yes	11/15/01	
Q-66	Yes	11/20/01	Yes	11/15/01	Moved 39 ft northwest due to coal pile
Q-67	Yes	11/9/01	Yes	11/8/01	
Q-68	Yes	11/11/01	Yes	11/8/01	
Q-69	Yes	11/10/01	Yes	11/10/01	Moved 41 ft southeast due to gravel pile
Q-70	Yes	11/11/01	Yes	11/11/01	
Q-71	Yes	11/19/01	Yes	11/15/01	
Q-72	Yes	11/20/01	Yes	11/15/01	
Q-73	Yes	11/9/01	Yes	11/8/01	
Q-74	Yes	11/18/01	Yes	11/8/01	
Q-75	Yes	11/10/01	Yes	11/10/01	
Q-76	Yes	11/18/01	Yes	11/18/01	
Q-77	Yes	11/16/01	Yes	11/16/01	
Q-78	Yes	11/18/01	Yes	11/15/01	
Q-79	Yes	11/9/01	Yes	11/9/01	
Q-80	Yes	11/9/01	Yes	11/9/01	
Q-81	Yes	11/10/01	Yes	11/10/01	
Q-82	Yes	11/18/01	Yes	11/18/01	
Q-83	Yes	11/16/01	Yes	11/16/01	
Q-84	Yes	11/18/01	Yes	11/15/01	
Q-85	Yes	11/9/01	Yes	11/9/01	
Q-86	Yes	11/9/01	Yes	11/9/01	
Q-87	No	NA	No	NA	Will not be collected - refusal at 2 ft below ground surface
Q-88	Yes	11/18/01	Yes	11/18/01	
Q-89	Yes	11/16/01	Yes	11/16/01	
Q-90	Yes	11/18/01	Yes	11/15/01	
Q-91	Yes	11/9/01	Yes	11/9/01	
Q-92	Yes	11/9/01	Yes	11/9/01	
Q-93	Yes	11/18/01	Yes	11/18/01	
Q-94	Yes	11/18/01	Yes	11/18/01	
Q-95	Yes	11/18/01	Yes	11/18/01	
Q-96	Yes	11/18/01	Yes	11/15/01	
Q-97	Yes	11/18/01	Yes	11/9/01	
Q-98	Yes	11/18/01	Yes	11/9/01	

TABLE 1
SAMPLE COLLECTION DATA FOR SITE Q
SAUGET AREA 2 - NOVEMBER, 2001

Sample Location	Soil Gas Samples		Soil Samples		Comments
	Was sample collected?	Date Collected	Was sample collected?	Date Collected	
Q-99	Yes	11/18/01	Yes	11/18/01	
Q-100	Yes	11/18/01	Yes	11/18/01	Moved 48 ft northwest due to concrete rubble piles
Q-101	Yes	11/18/01	Yes	11/18/01	
Q-102	Yes	11/18/01	Yes	11/15/01	
Q-103	Yes	11/18/01	Yes	11/15/01	
Q-104	No	NA	No	NA	Will not be collected - in new fill area
Q-105	Yes	11/17/01	Yes	11/17/01	
Q-106	Yes	11/17/01	Yes	11/17/01	
Q-107	Yes	11/17/01	Yes	11/17/01	
Q-108	Yes	11/16/01	Yes	11/16/01	
Q-109	Yes	11/16/01	Yes	11/16/01	
Q-110	No	NA	No	NA	No access agreement in place, no sample collected
Q-111	Yes	11/17/01	Yes	11/17/01	
Q-112	Yes	11/17/01	Yes	11/17/01	
Q-113	Yes	11/17/01	Yes	11/17/01	
Q-114	Yes	11/17/01	Yes	11/17/01	
Q-115	Yes	11/13/01	Yes	11/16/01	
Q-116	Yes	11/16/01	Yes	11/16/01	
Q-117	No	NA	No	NA	No access agreement in place, no sample collected
Q-118	Yes	11/17/01	Yes	11/17/01	
Q-119	Yes	11/17/01	Yes	11/17/01	
Q-120	Yes	11/17/01	Yes	11/17/01	
Q-121	Yes	11/17/01	Yes	11/17/01	
Q-122	Yes	11/17/01	Yes	11/17/01	
Q-123	Yes	11/16/01	Yes	11/16/01	
Q-124	No	NA	No	NA	No access agreement in place, no sample collected
Q-125	Yes	11/17/01	Yes	11/17/01	
Q-126	No	NA	No	NA	Will not be collected - under debris pile
Q-127	Yes	11/17/01	Yes	11/17/01	Moved 53 ft northeast due to rubble pile
Q-128	Yes	11/17/01	Yes	11/17/01	
Q-129	No	NA	No	NA	No access agreement in place, no sample collected
Q-130	Yes	11/17/01	Yes	11/17/01	
Q-131	Yes	11/16/01	Yes	11/16/01	
Q-132	Yes	11/16/01	Yes	11/16/01	
Q-133	Yes	11/14/01	Yes	11/14/01	
Q-134	Yes	11/16/01	Yes	11/16/01	
Q-135	Yes	11/14/01	Yes	11/14/01	
Q-136	Yes	11/14/01	Yes	11/14/01	
Q-137	No	NA	No	NA	No access agreement in place, no sample collected
Q-138	Yes	11/16/01	Yes	11/16/01	
Q-139	Yes	11/14/01	Yes	11/14/01	
Q-140	Yes	11/14/01	Yes	11/14/01	
Q-141	No	NA	No	NA	No access agreement in place, no sample collected
Q-142	No	NA	No	NA	Moved to railroad's property - no access agreement in place, no sample collected
Q-143	Yes	11/17/01	Yes	11/17/01	
Q-144	Yes	11/14/01	Yes	11/14/01	
Q-145	Yes	11/14/01	Yes	11/14/01	
Q-146	No	NA	No	NA	No access agreement in place, no sample collected

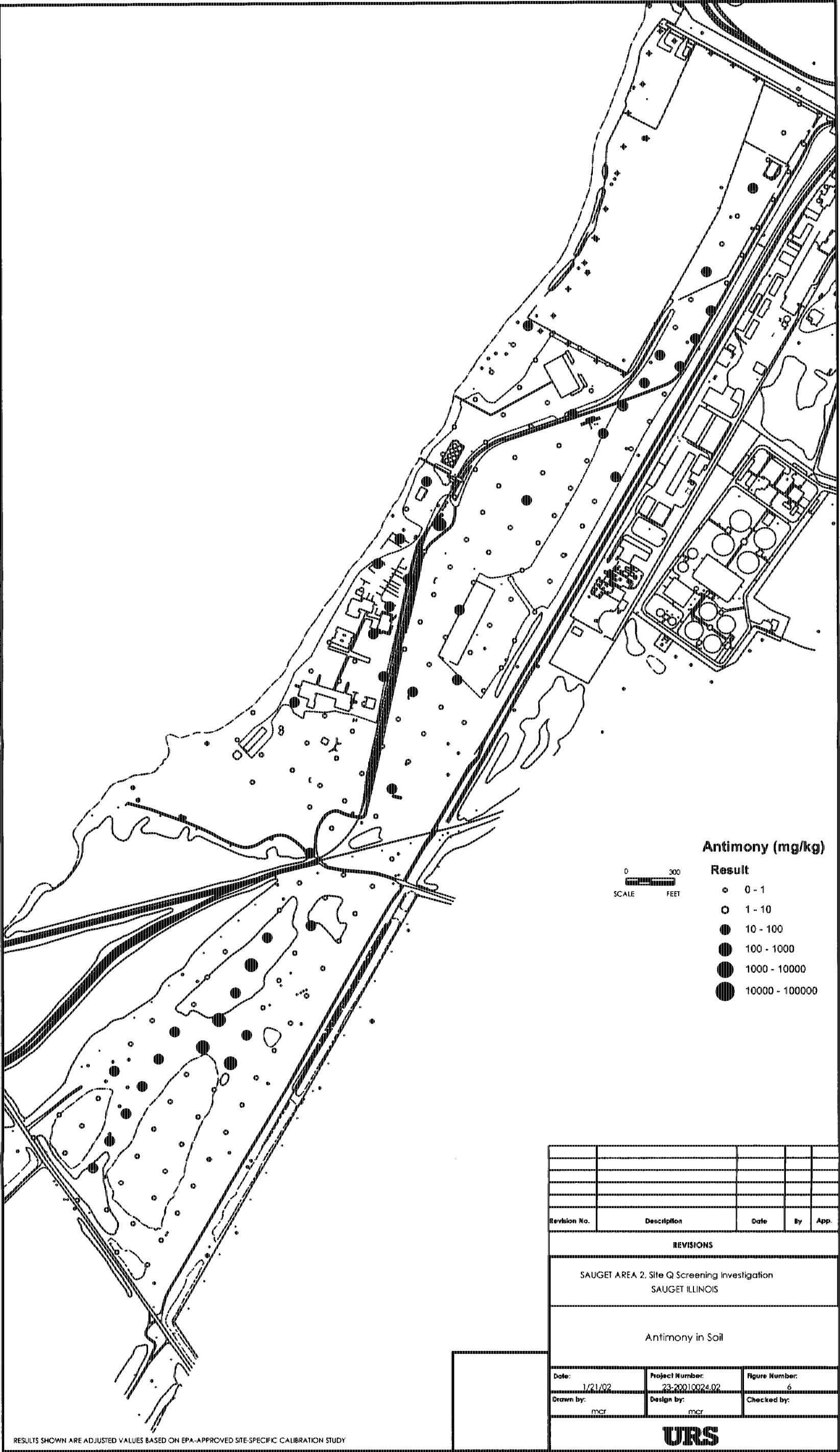
TABLE 1
SAMPLE COLLECTION DATA FOR SITE Q
SAUGET AREA 2 - NOVEMBER, 2001

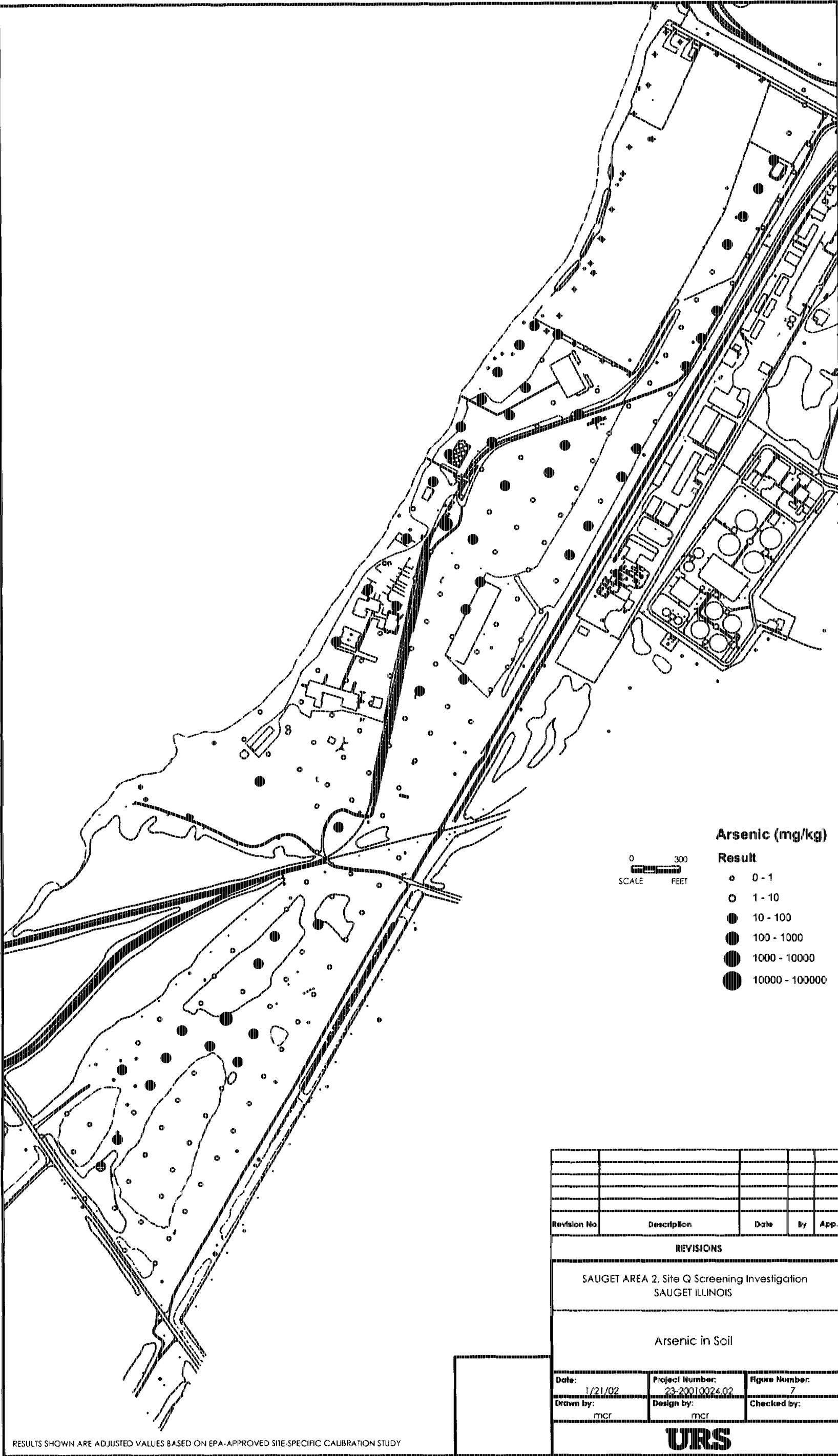
Sample Location	Soil Gas Samples		Soil Samples		Comments
	Was sample collected?	Date Collected	Was sample collected?	Date Collected	
Q-147	No	NA	No	NA	No access agreement in place, no sample collected
Q-148	Yes	11/16/01	Yes	11/16/01	
Q-149	Yes	11/17/01	Yes	11/17/01	
Q-150	Yes	11/14/01	Yes	11/14/01	
Q-151	Yes	11/14/01	Yes	11/14/01	
Q-152	No	NA	No	NA	No access agreement in place, no sample collected
Q-153	No	NA	No	NA	No access agreement in place, no sample collected
Q-154	No	NA	No	NA	No access agreement in place, no sample collected
Q-155	Yes	11/16/01	Yes	11/16/01	
Q-156	Yes	11/14/01	Yes	11/14/01	
Q-157	Yes	11/14/01	Yes	11/14/01	
Q-158	Yes	11/14/01	Yes	11/14/01	
Q-159	No	NA	No	NA	No access agreement in place, no sample collected
Q-160	No	NA	No	NA	No access agreement in place, no sample collected
Q-161	No	NA	No	NA	No access agreement in place, no sample collected
Q-162	No	NA	No	NA	No access agreement in place, no sample collected
Q-163	Yes	11/16/01	Yes	11/16/01	
Q-164	Yes	11/15/01	Yes	11/15/01	
Q-165	Yes	11/15/01	Yes	11/15/01	
Q-166	Yes	11/15/01	Yes	11/15/01	
Q-167	No	NA	No	NA	No access agreement in place, no sample collected
Q-168	No	NA	No	NA	No access agreement in place, no sample collected
Q-169	No	NA	No	NA	No access agreement in place, no sample collected
Q-170	No	NA	No	NA	No access agreement in place, no sample collected
Q-171	No	NA	No	NA	No access agreement in place, no sample collected
Q-172	Yes	11/16/01	Yes	11/16/01	Moved 42 feet southeast due to underground pipelines
Q-173	Yes	11/17/01	Yes	11/17/01	
Q-174	Yes	11/12/01	Yes	11/12/01	
Q-175	Yes	11/13/01	Yes	11/13/01	
Q-176	Yes	11/13/01	Yes	11/13/01	
Q-177	No	NA	No	NA	No access agreement in place, no sample collected
Q-178	No	NA	No	NA	No access agreement in place, no sample collected
Q-179	No	NA	No	NA	No access agreement in place, no sample collected
Q-180	No	NA	No	NA	No access agreement in place, no sample collected
Q-181	No	NA	No	NA	No access agreement in place, no sample collected
Q-182	No	NA	No	NA	No access agreement in place, no sample collected
Q-183	Yes	11/16/01	Yes	11/16/01	
Q-184	Yes	11/13/01	Yes	11/13/01	
Q-185	Yes	11/12/01	Yes	11/12/01	
Q-186	Yes	11/13/01	Yes	11/13/01	
Q-187	Yes	11/13/01	Yes	11/13/01	
Q-188	No	NA	No	NA	No access agreement in place, no sample collected
Q-189	No	NA	No	NA	No access agreement in place, no sample collected
Q-190	No	NA	No	NA	No access agreement in place, no sample collected
Q-191	No	NA	No	NA	No access agreement in place, no sample collected
Q-192	No	NA	No	NA	No access agreement in place, no sample collected
Q-193	No	NA	No	NA	No access agreement in place, no sample collected
Q-194	Yes	11/16/01	Yes	11/16/01	
Q-195	Yes	11/13/01	Yes	11/13/01	

TABLE 1
SAMPLE COLLECTION DATA FOR SITE Q
SAUGET AREA 2 - NOVEMBER, 2001

Sample Location	Soil Gas Samples		Soil Samples		Comments
	Was sample collected?	Date Collected	Was sample collected?	Date Collected	
Q-196	Yes	11/12/01	Yes	11/12/01	
Q-197	Yes	11/13/01	Yes	11/13/01	
Q-198	Yes	11/13/01	Yes	11/13/01	
Q-199	No	NA	No	NA	No access agreement in place, no sample collected
Q-200	No	NA	No	NA	No access agreement in place, no sample collected
Q-201	No	NA	No	NA	No access agreement in place, no sample collected
Q-202	No	NA	No	NA	No access agreement in place, no sample collected
Q-203	No	NA	No	NA	Moved to railroad's property - no access agreement in place, no sample collected
Q-204	Yes	11/15/01	Yes	11/15/01	
Q-205	Yes	11/14/01	Yes	11/14/01	
Q-206	Yes	11/12/01	Yes	11/12/01	
Q-207	Yes	11/13/01	Yes	11/13/01	
Q-208	Yes	11/13/01	Yes	11/13/01	
Q-209	No	NA	No	NA	No access agreement in place, no sample collected
Q-210	No	NA	No	NA	No access agreement in place, no sample collected
Q-211	Yes	11/15/01	Yes	11/15/01	Moved 44 ft southeast due to underground pipelines
Q-212	No	NA	Yes	11/15/01	No soil gas due to shallow water in hole
Q-213	Yes	11/14/01	Yes	11/14/01	
Q-214	Yes	11/12/01	Yes	11/12/01	
Q-215	Yes	11/13/01	Yes	11/13/01	
Q-216	Yes	11/13/01	Yes	11/13/01	
Q-217	Yes	11/15/01	Yes	11/15/01	
Q-218	Yes	11/15/01	Yes	11/15/01	
Q-219	Yes	11/14/01	Yes	11/14/01	
Q-220	Yes	11/12/01	Yes	11/12/01	
Q-221	No	NA	Yes	11/13/01	No soil gas due to shallow water in hole
Q-222	Yes	11/13/01	Yes	11/13/01	
Q-223	Yes	11/15/01	Yes	11/15/01	Moved 36 feet south due to sloped area with fallen trees
Q-224	Yes	11/12/01	Yes	11/12/01	
Q-225	Yes	11/12/01	Yes	11/12/01	
Q-226	Yes	11/12/01	Yes	11/12/01	
Q-227	Yes	11/15/01	Yes	11/15/01	
Q-228	Yes	11/15/01	Yes	11/15/01	
Q-229	Yes	11/19/01	No	NA	Stepout point - for soil gas only
Q-230	Yes	11/19/01	No	NA	Stepout point - for soil gas only
Q-231	Yes	11/19/01	No	NA	Stepout point - for soil gas only
Q-232	Yes	11/19/01	No	NA	Stepout point - for soil gas only
Q-1001	No	NA	Yes	10/30/01	Metals sample only for XRF Calibration Study
Q-1002	No	NA	Yes	10/30/01	Metals sample only for XRF Calibration Study
Q-1003	No	NA	Yes	10/30/01	Metals sample only for XRF Calibration Study
Q-1004	No	NA	Yes	10/30/01	Metals sample only for XRF Calibration Study
Q-1005	No	NA	Yes	10/30/01	Metals sample only for XRF Calibration Study
Q-1006	No	NA	Yes	10/30/01	Metals sample only for XRF Calibration Study







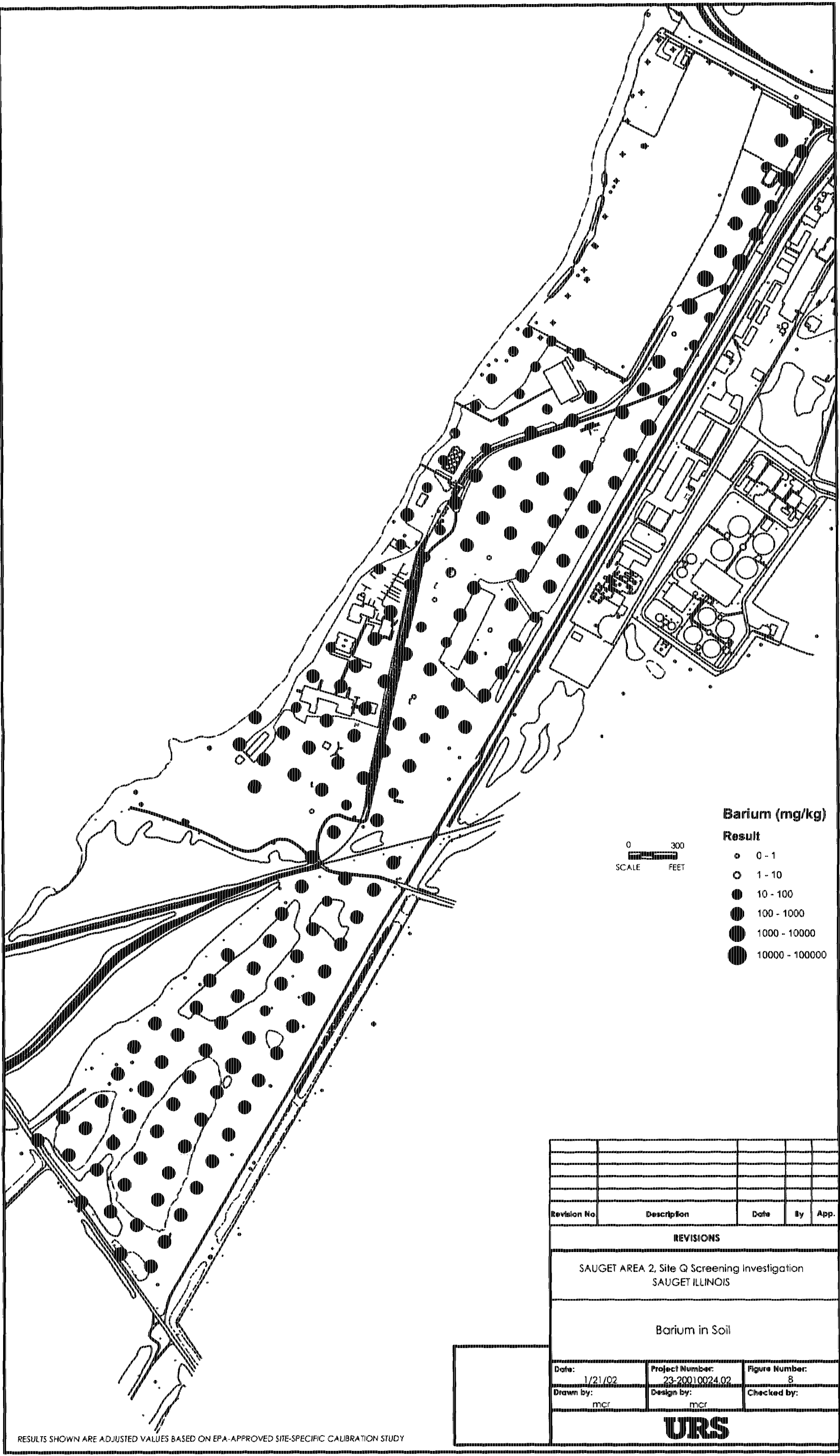
Arsenic (mg/kg)

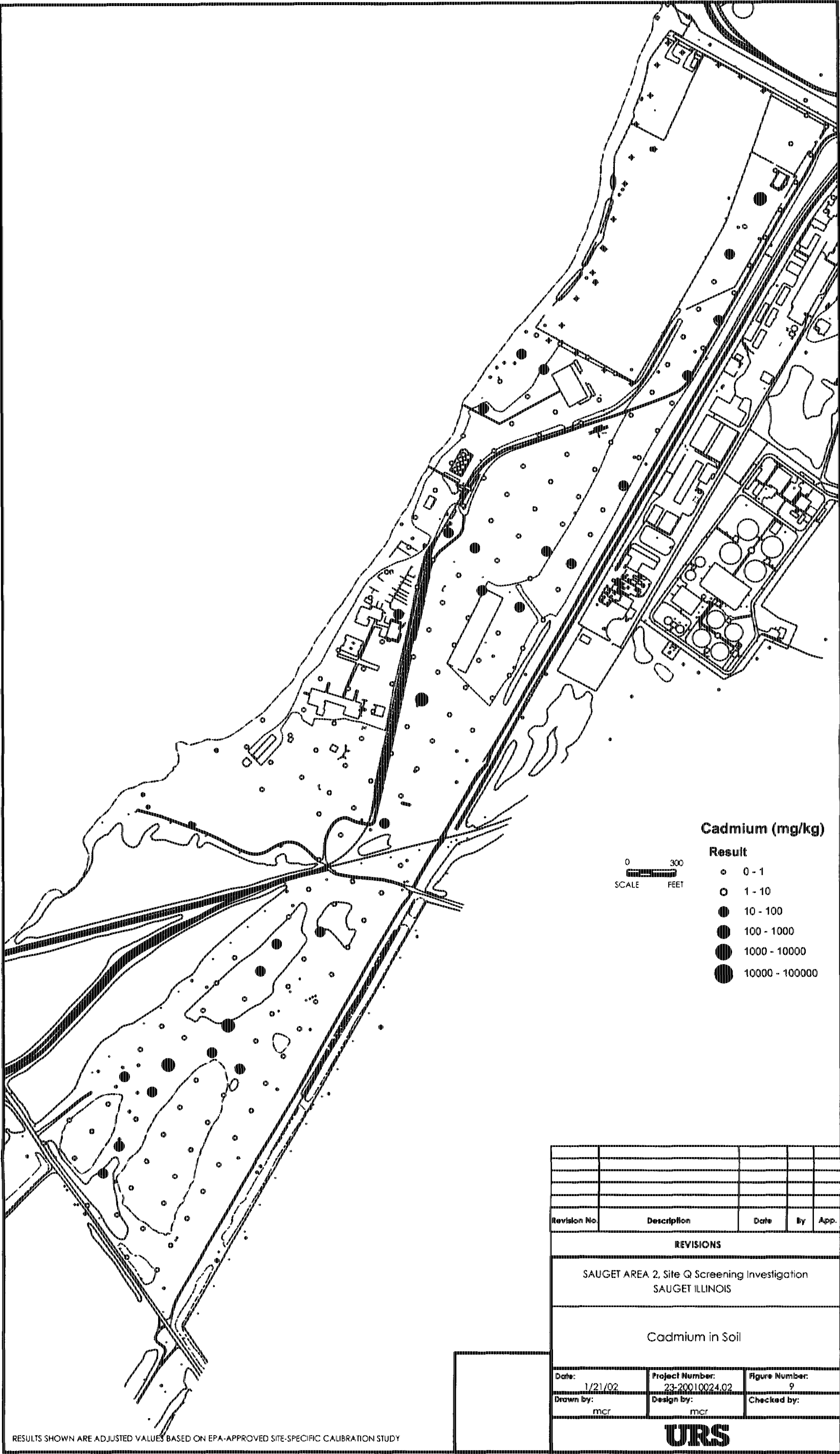
Result

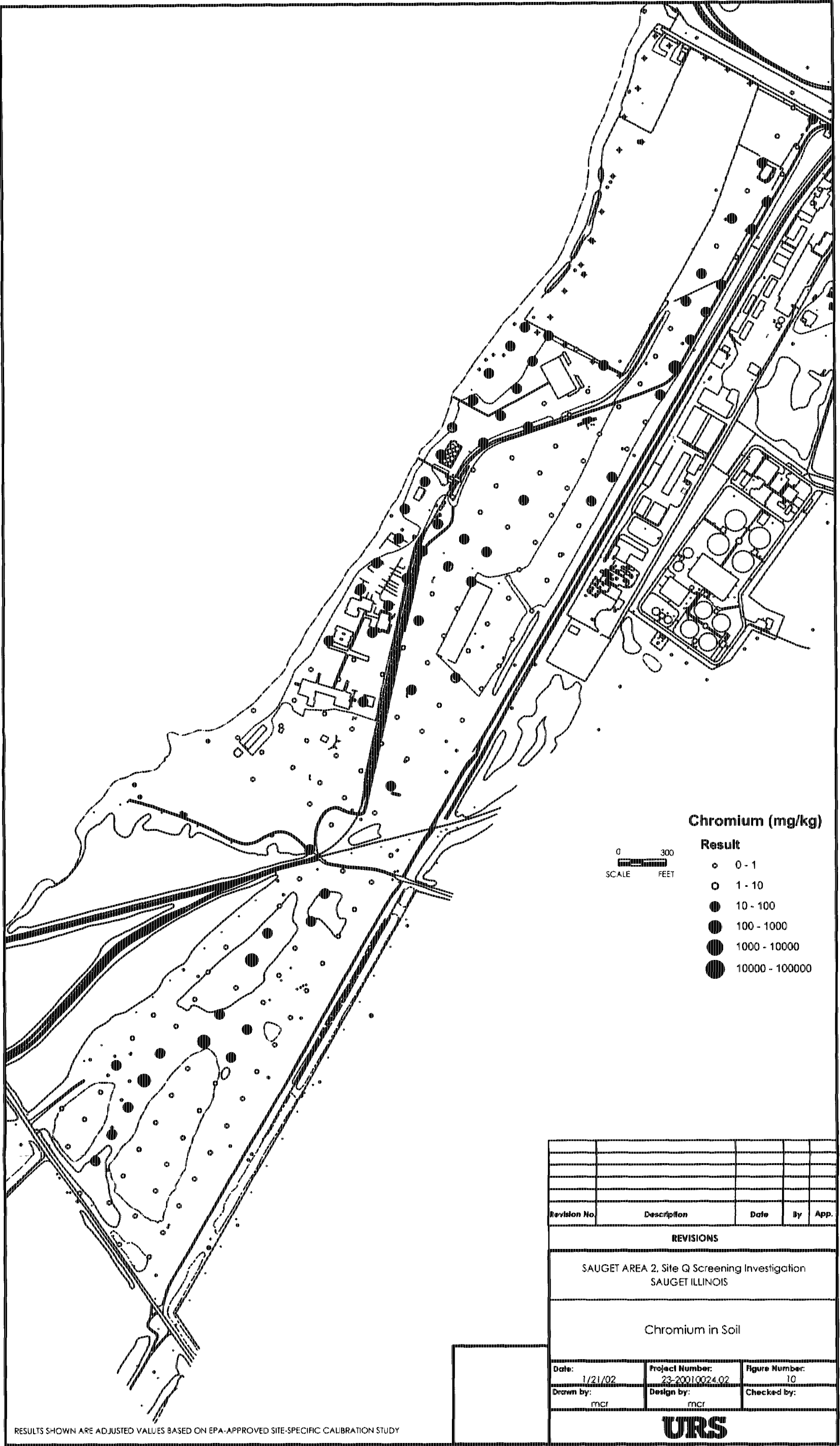
- 0 - 1
- 1 - 10
- 10 - 100
- 100 - 1000
- 1000 - 10000
- 10000 - 100000

0 300
SCALE FEET

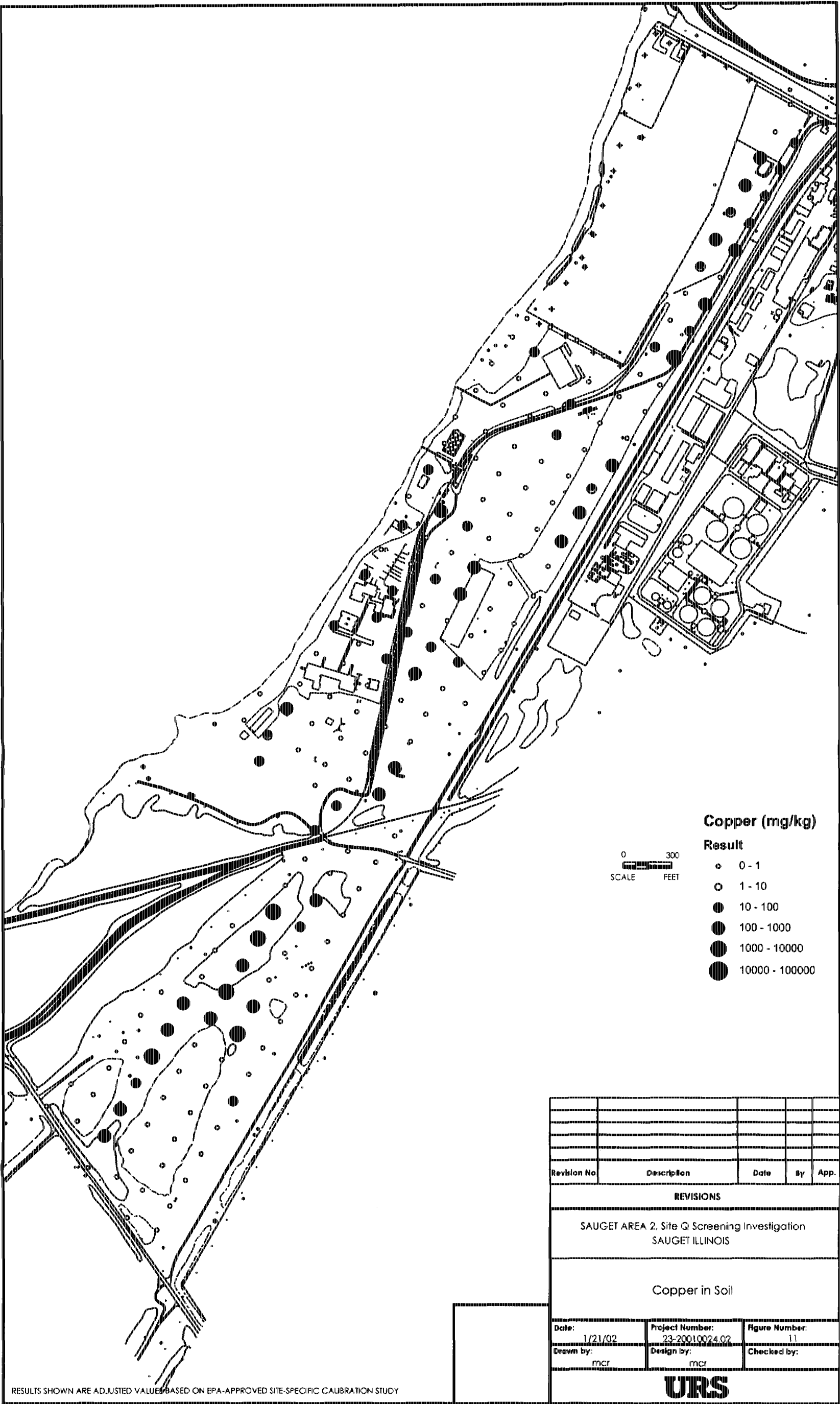
RESULTS SHOWN ARE ADJUSTED VALUES BASED ON EPA-APPROVED SITE-SPECIFIC CALIBRATION STUDY







Revision No.	Description	Date	By	App.
REVISIONS				
SAUGET AREA 2, Site Q Screening Investigation SAUGET ILLINOIS				
Chromium in Soil				
Date:	Project Number:	Figure Number:		
1/21/02	23-20010024.02	10		
Drawn by:	Design by:	Checked by:		
mcr	mcr			
URS				



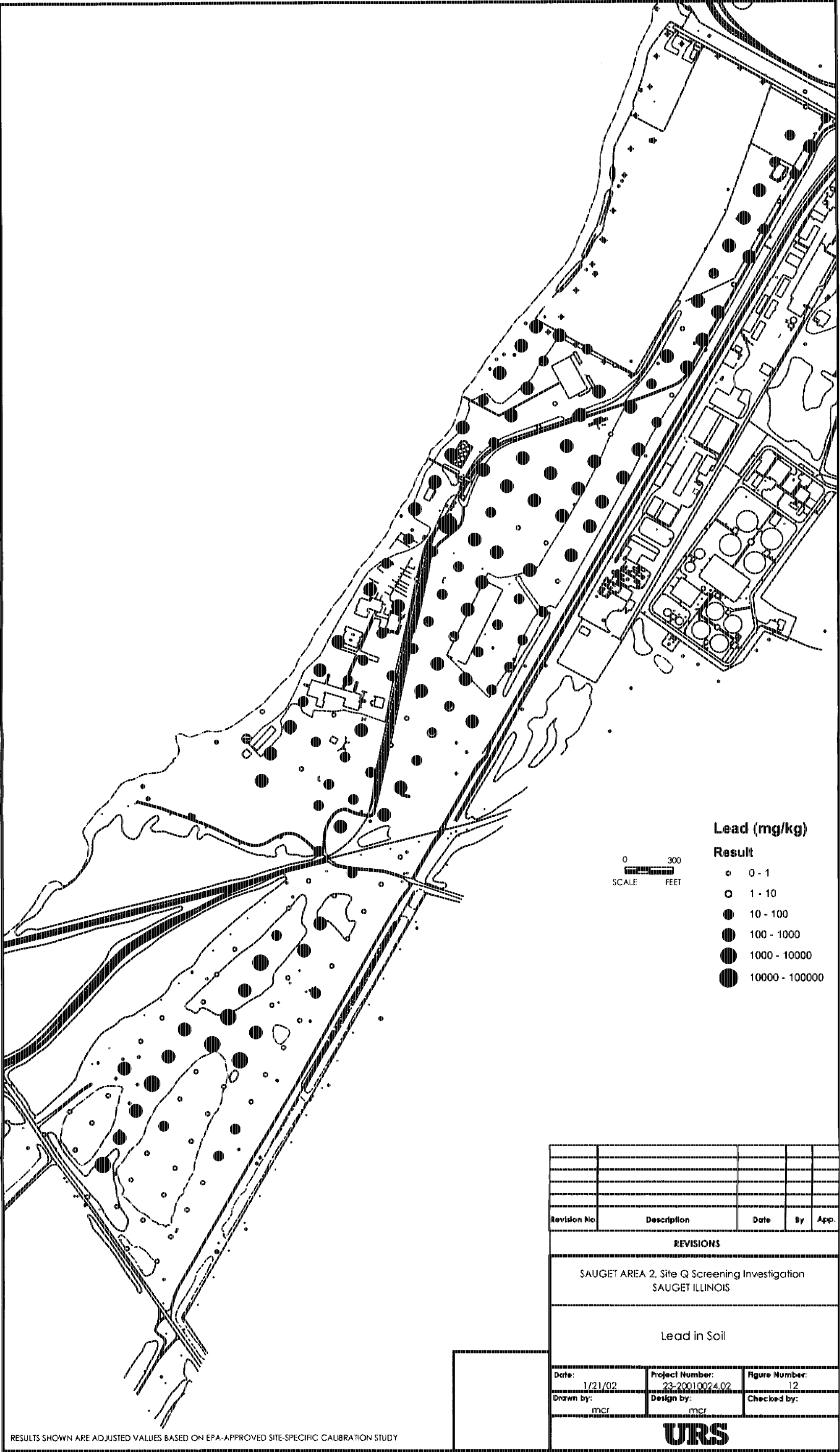
Copper (mg/kg)

Result

- 0 - 1
- 1 - 10
- 10 - 100
- 100 - 1000
- 1000 - 10000
- 10000 - 100000

0 300
SCALE FEET

Revision No	Description	Date	By	App.
REVISIONS				
SAUGET AREA 2, Site Q Screening Investigation SAUGET ILLINOIS				
Copper in Soil				
Date:	Project Number:	Figure Number:		
1/21/02	23-20010024.02	11		
Drawn by:	Design by:	Checked by:		
mcr	mcr			
URS				



Lead (mg/kg)

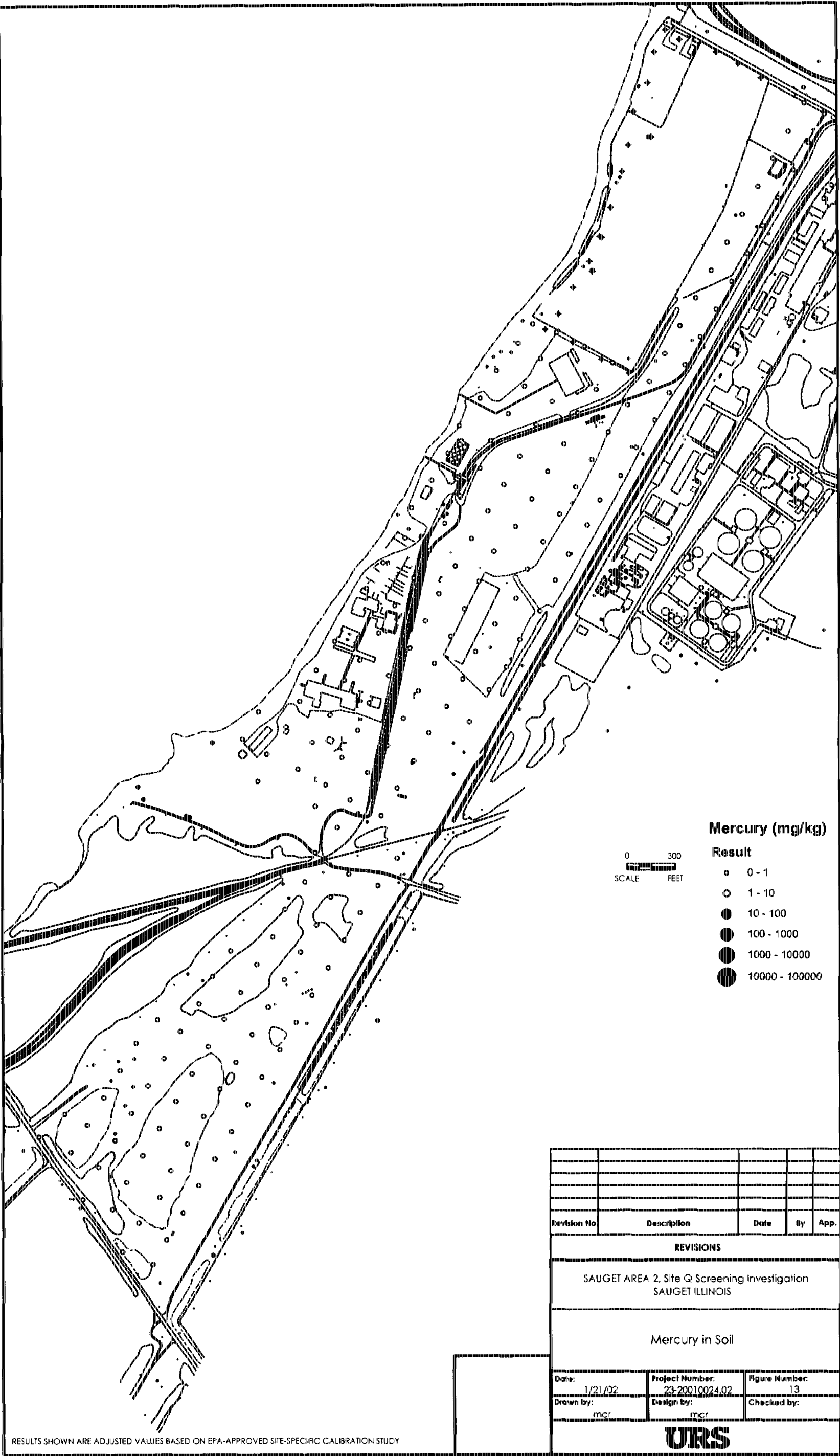
Result

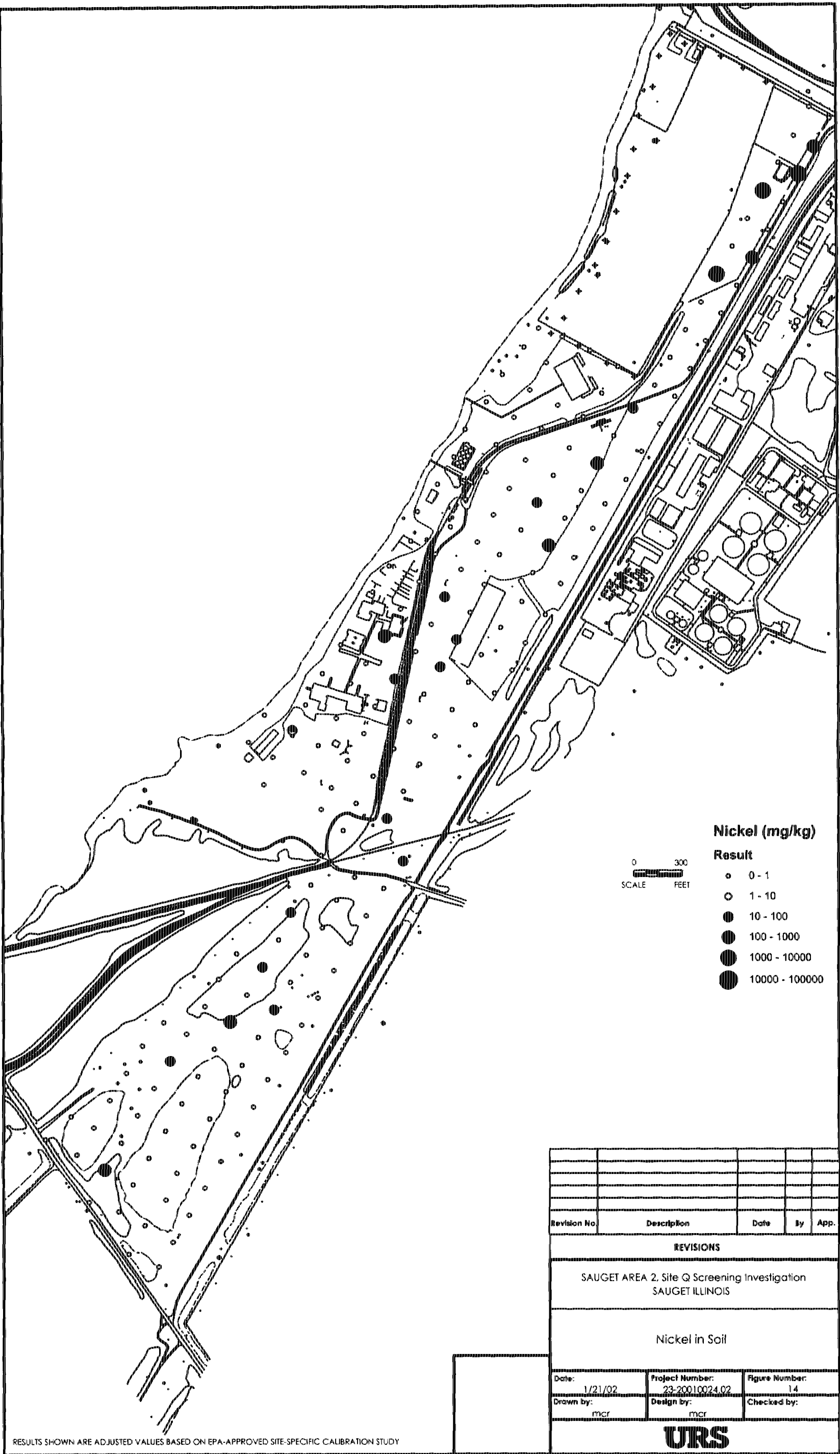
- 0 - 1
- 1 - 10
- 10 - 100
- 100 - 1000
- 1000 - 10000
- 10000 - 100000

0 300
SCALE FEET

Revision No	Description	Date	By	App.
REVISIONS				
SAUGET AREA 2, Site Q Screening Investigation SAUGET ILLINOIS				
Lead in Soil				
Date:	Project Number:	Figure Number:		
1/21/02	23-20010024.02	12		
Drawn by:	Design by:	Checked by:		
mcr	mcr			
URS				

RESULTS SHOWN ARE ADJUSTED VALUES BASED ON EPA-APPROVED SITE-SPECIFIC CALIBRATION STUDY





Nickel (mg/kg)

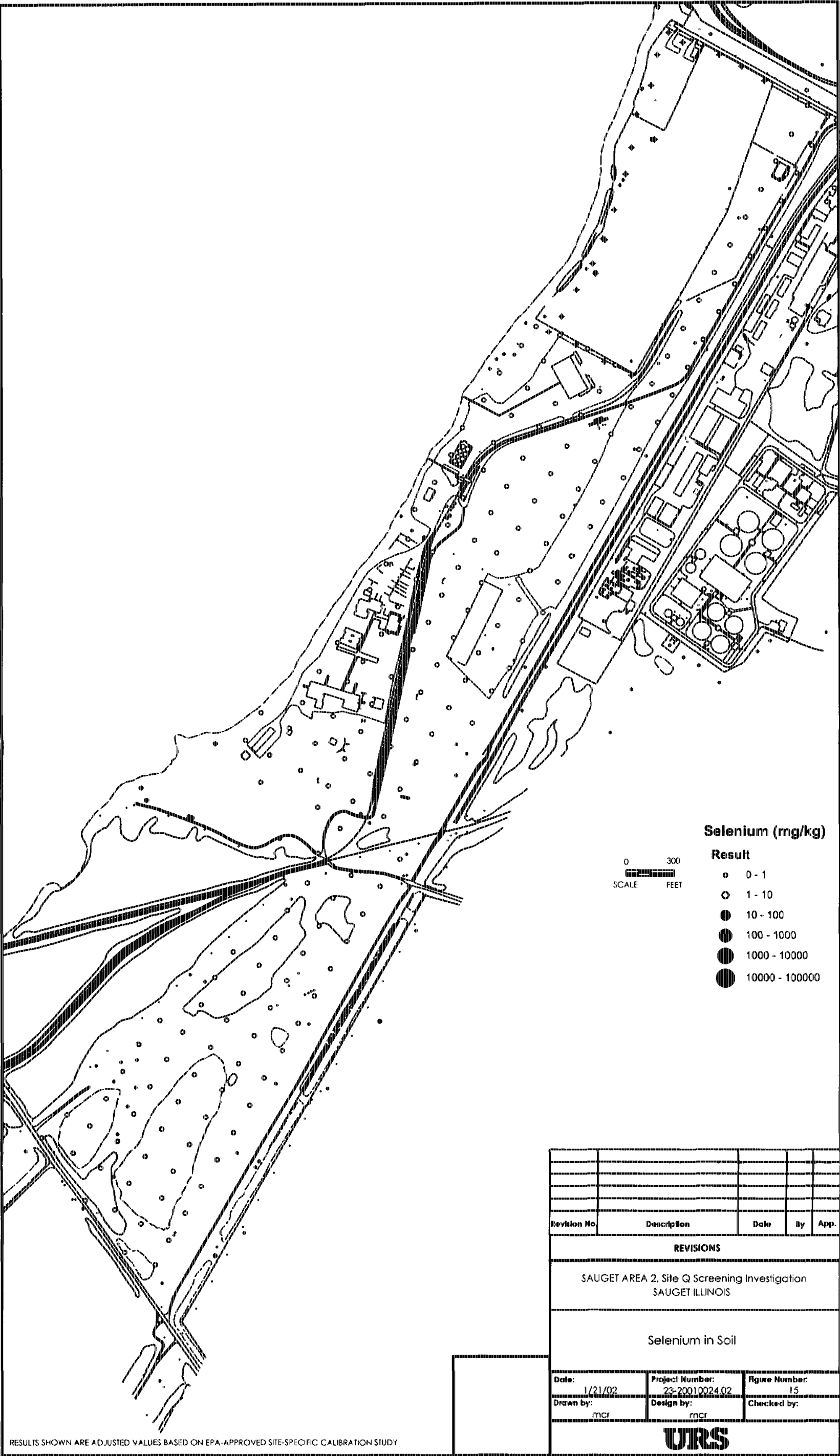
Result

- 0 - 1
- 1 - 10
- 10 - 100
- 100 - 1000
- 1000 - 10000
- 10000 - 100000


0 300
SCALE FEET

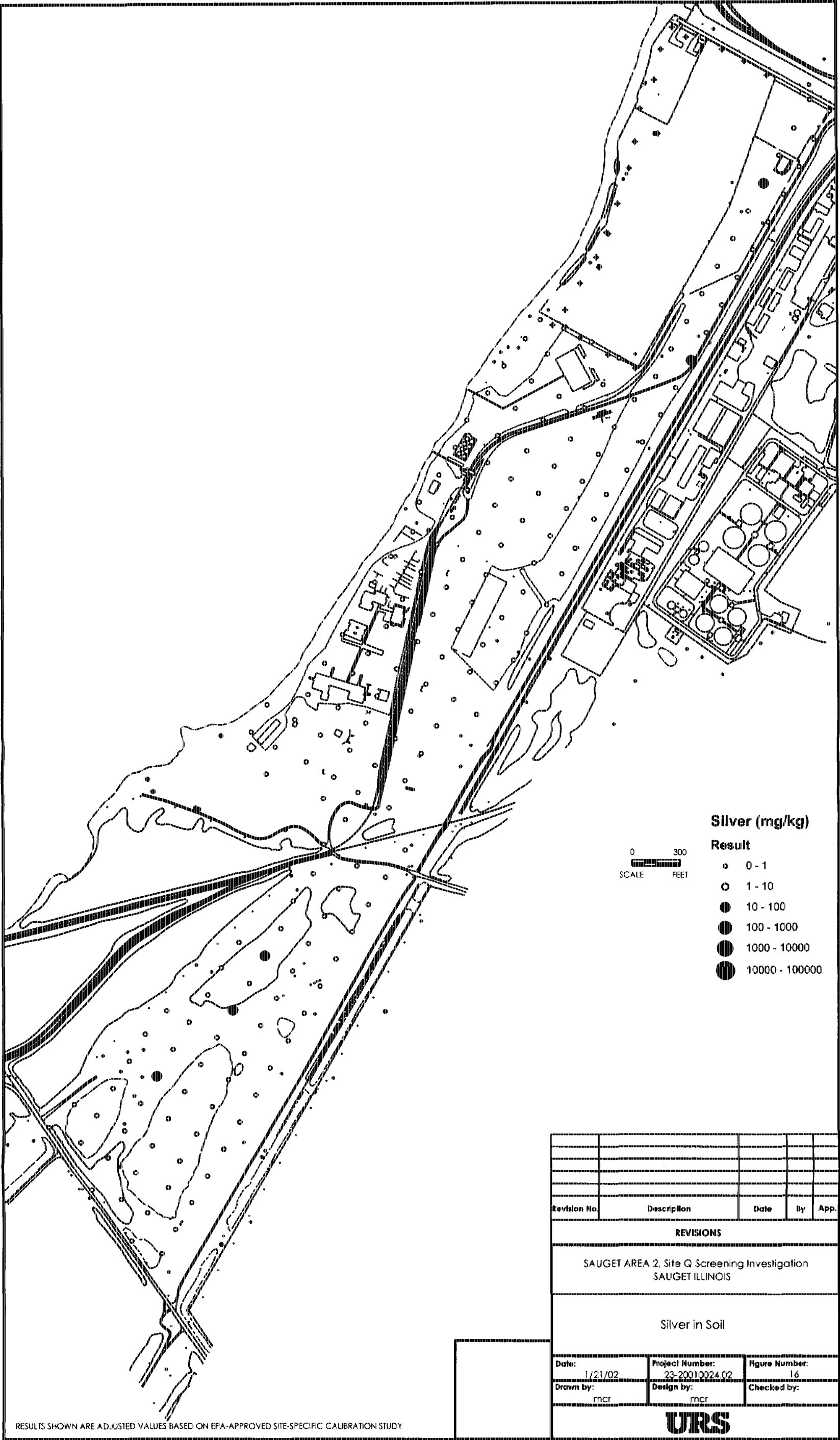
Revision No.	Description	Date	By	App.
REVISIONS				
SAUGET AREA 2, Site Q Screening Investigation SAUGET ILLINOIS				
Nickel in Soil				
Date:	Project Number:	Figure Number:		
1/21/02	23-20010024.02	14		
Drawn by:	Design by:	Checked by:		
mcr	mcr			
URS				

RESULTS SHOWN ARE ADJUSTED VALUES BASED ON EPA-APPROVED SITE-SPECIFIC CALIBRATION STUDY



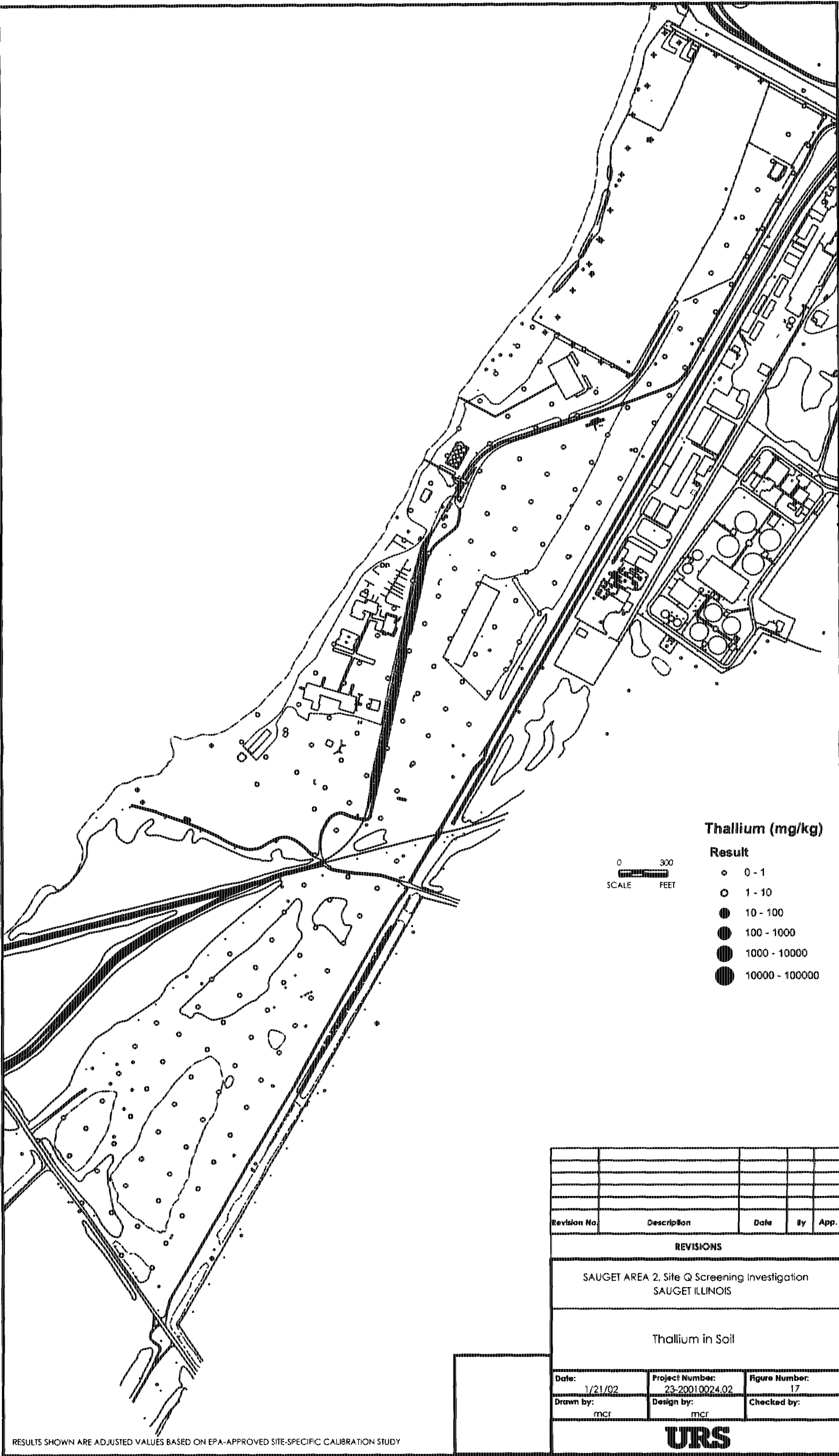
RESULTS SHOWN ARE ADJUSTED VALUES BASED ON EPA-APPROVED SITE-SPECIFIC CALIBRATION STUDY

Revision No.	Description	Date	By	App.
REVISIONS				
SAUGET AREA 2, Site Q Screening Investigation SAUGET ILLINOIS				
Selenium in Soil				
Date:	Project Number:	Figure Number:		
1/21/02	23-20010024.02	15		
Drawn by:	Design by:	Checked by:		
mcr	mcr			
				



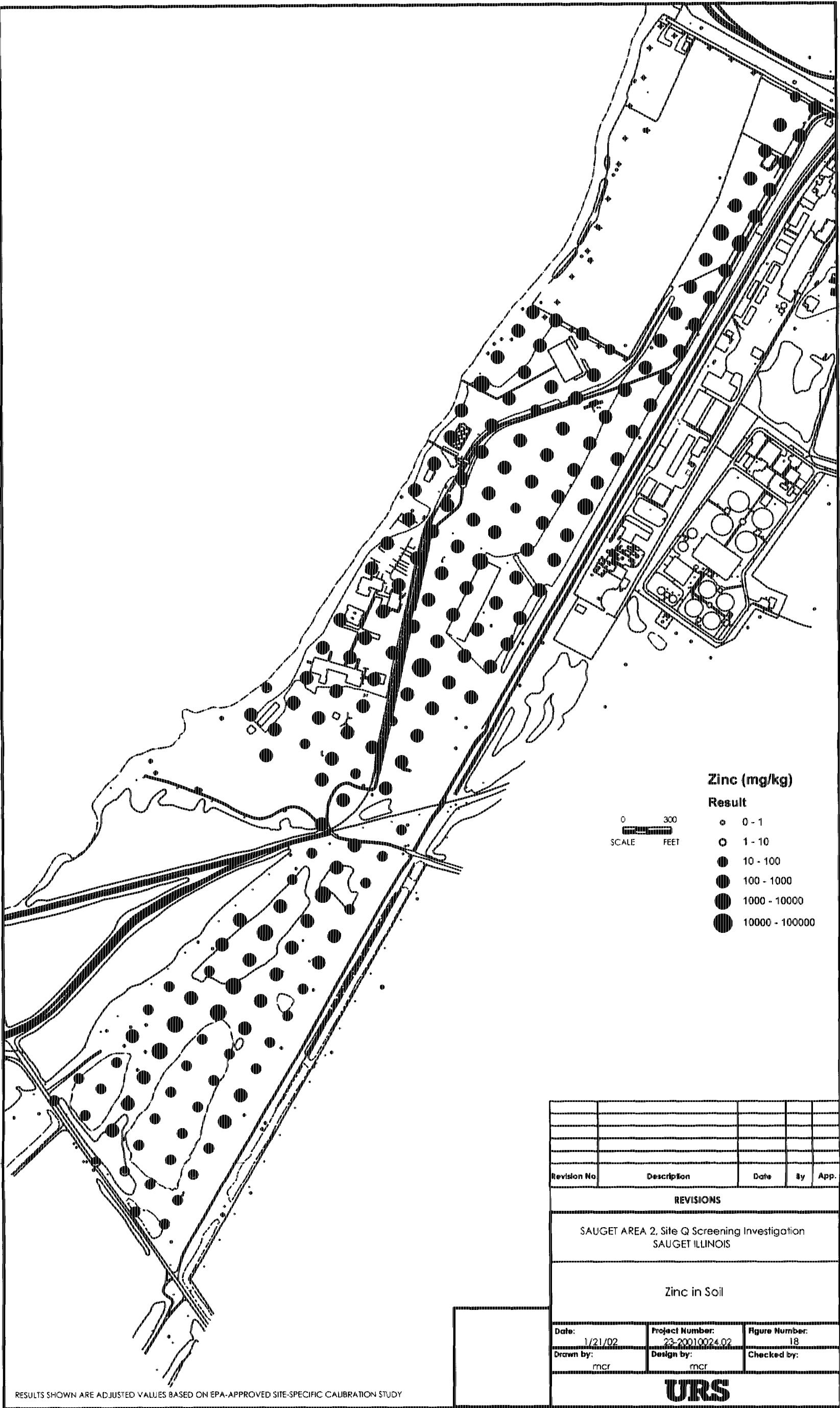
RESULTS SHOWN ARE ADJUSTED VALUES BASED ON EPA-APPROVED SITE-SPECIFIC CALIBRATION STUDY

Revision No	Description	Date	By	App.
REVISIONS				
SAUGET AREA 2, Site Q Screening Investigation SAUGET ILLINOIS				
Silver in Soil				
Date: 1/21/02	Project Number: 23-20010024.02	Figure Number: 16		
Drawn by: mcr	Design by: mcr	Checked by:		
URS				



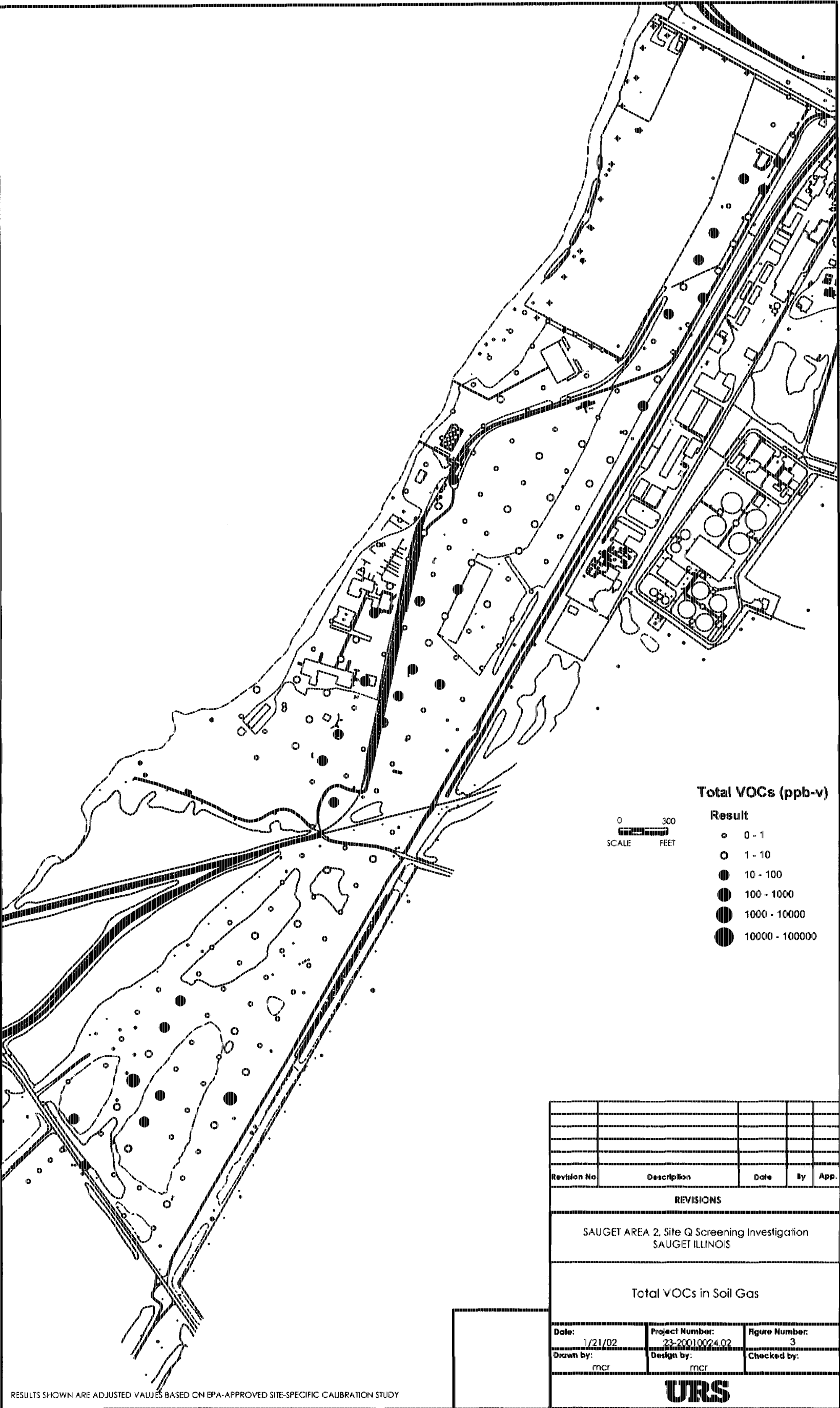
RESULTS SHOWN ARE ADJUSTED VALUES BASED ON EPA-APPROVED SITE-SPECIFIC CALIBRATION STUDY

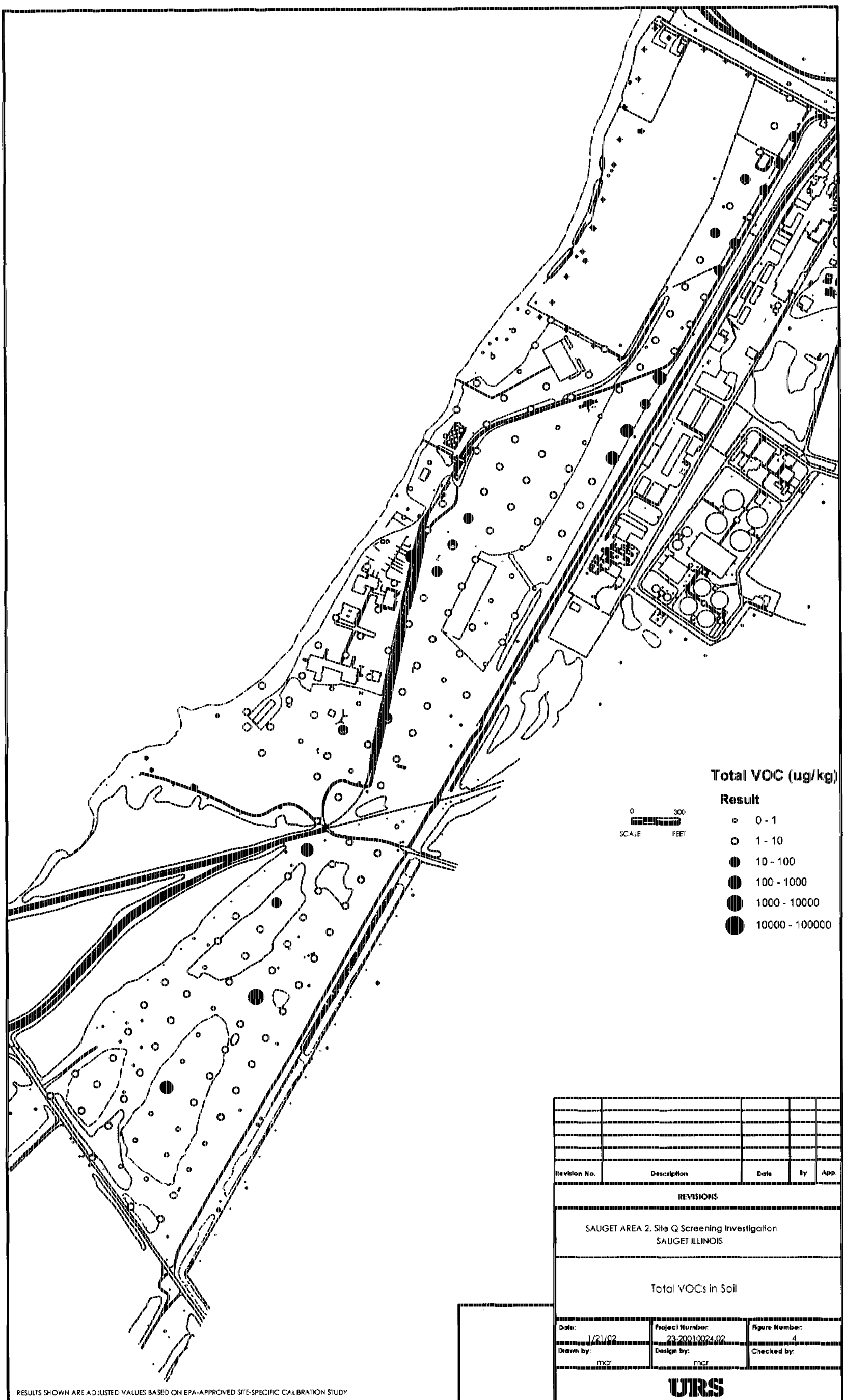
Revision No.	Description	Date	By	App.
REVISIONS				
SAUGET AREA 2, Site Q Screening Investigation SAUGET ILLINOIS				
Thallium in Soil				
Date:	Project Number:	Figure Number:		
1/21/02	23-2001.0024.02	17		
Drawn by:	Design by:	Checked by:		
mcr	mcr			
URS				

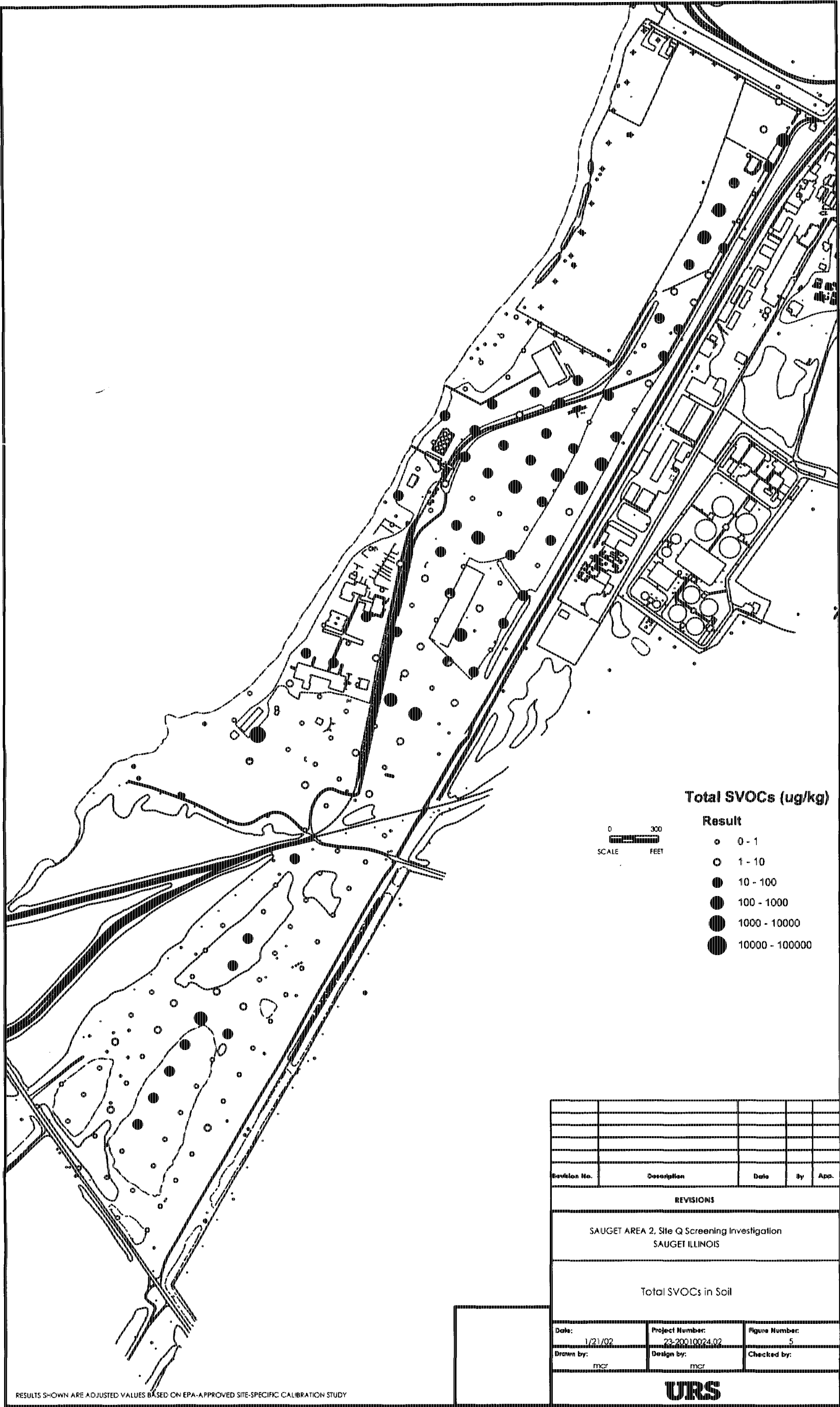


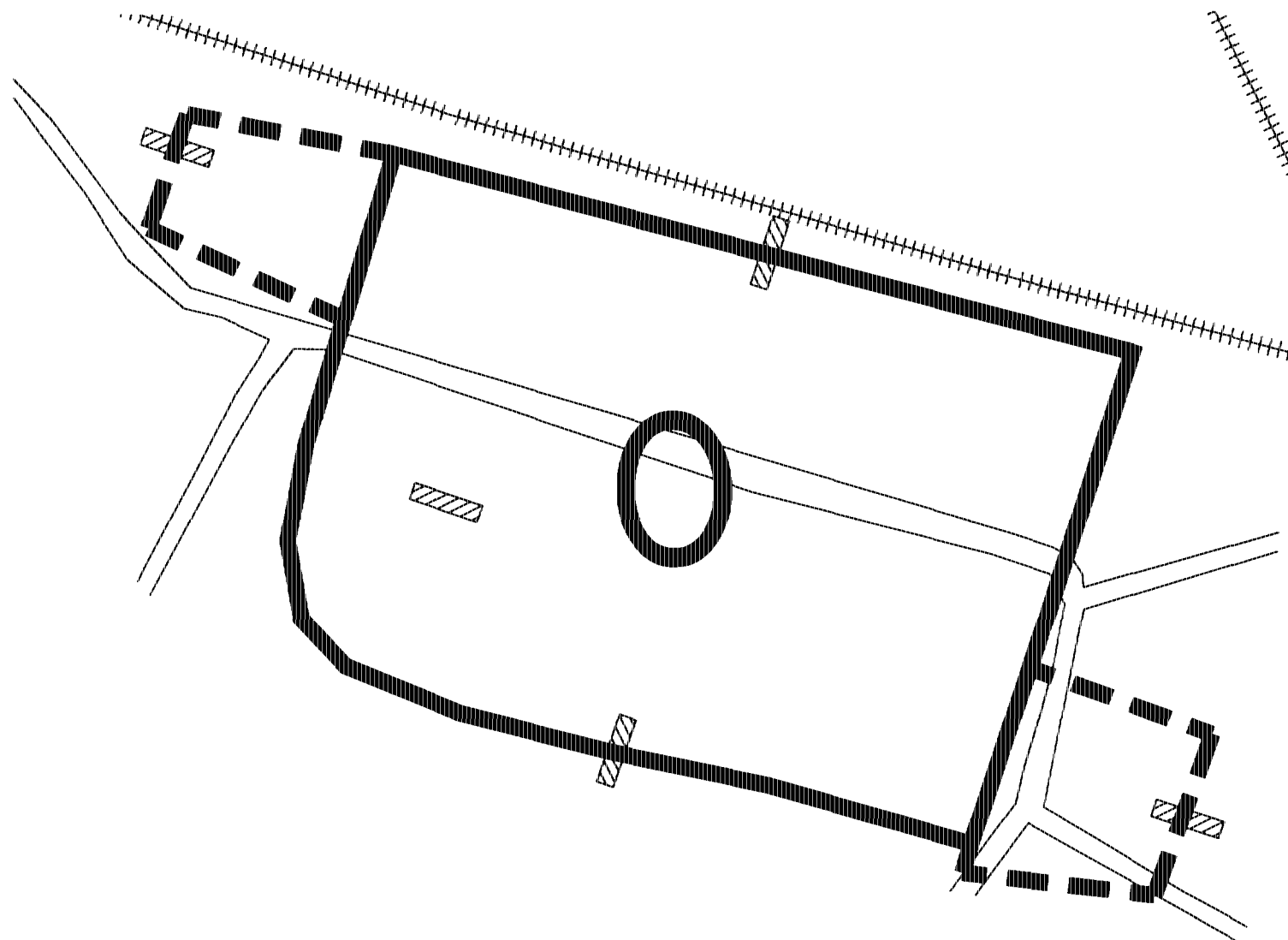
RESULTS SHOWN ARE ADJUSTED VALUES BASED ON EPA-APPROVED SITE-SPECIFIC CALIBRATION STUDY

Revision No	Description	Date	By	App.	
REVISIONS					
SAUGET AREA 2, Site Q Screening Investigation SAUGET ILLINOIS					
Zinc in Soil					
Date:	1/21/02	Project Number:	23-20010024.02	Figure Number:	18
Drawn by:	mcr	Design by:	mcr	Checked by:	
URS					










LEGEND

 Proposed Trench Locations
(Not to Scale)

SAUGET AREA 2 RI/FS SUPPORT SAMPLING PLAN
SAUGET, ILLINOIS

PROJECT NO.
2320010024.02

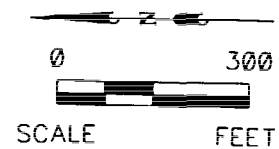
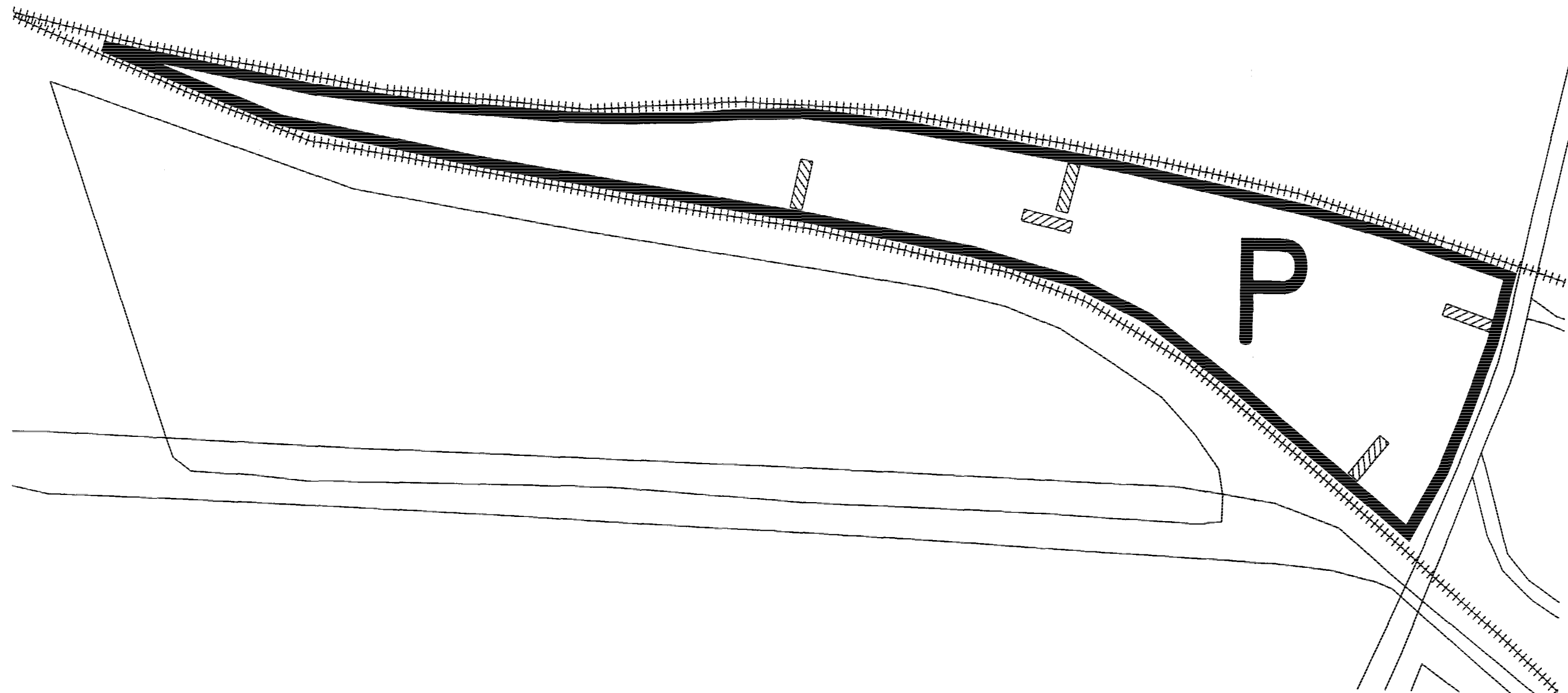
URS

DRN. BY: djd 1/31/01
DSGN. BY: bv
CHKD. BY:


Site 0 Waste, Soil, and Leachate
Sampling Locations

FIG. NO.
2

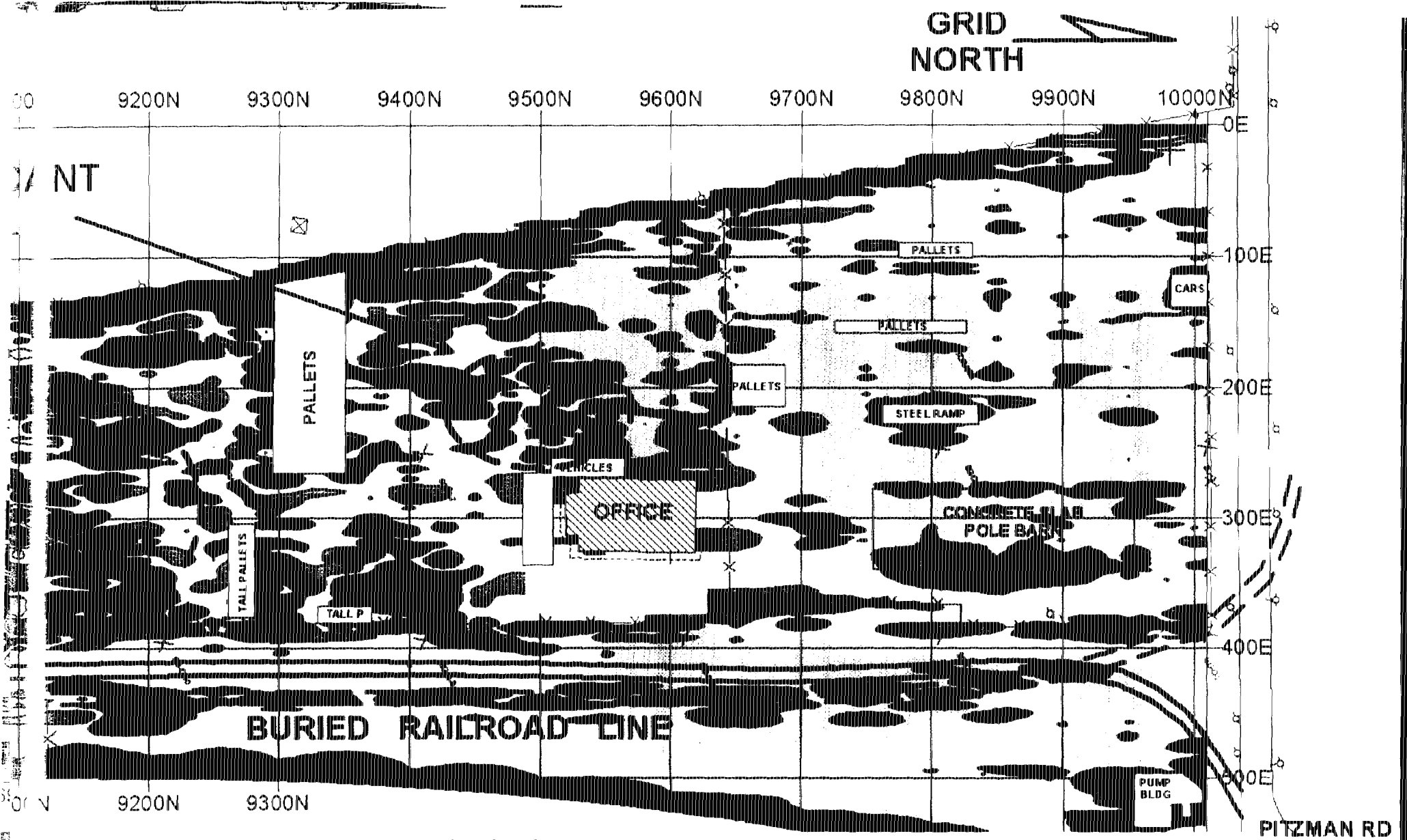
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LEGEND

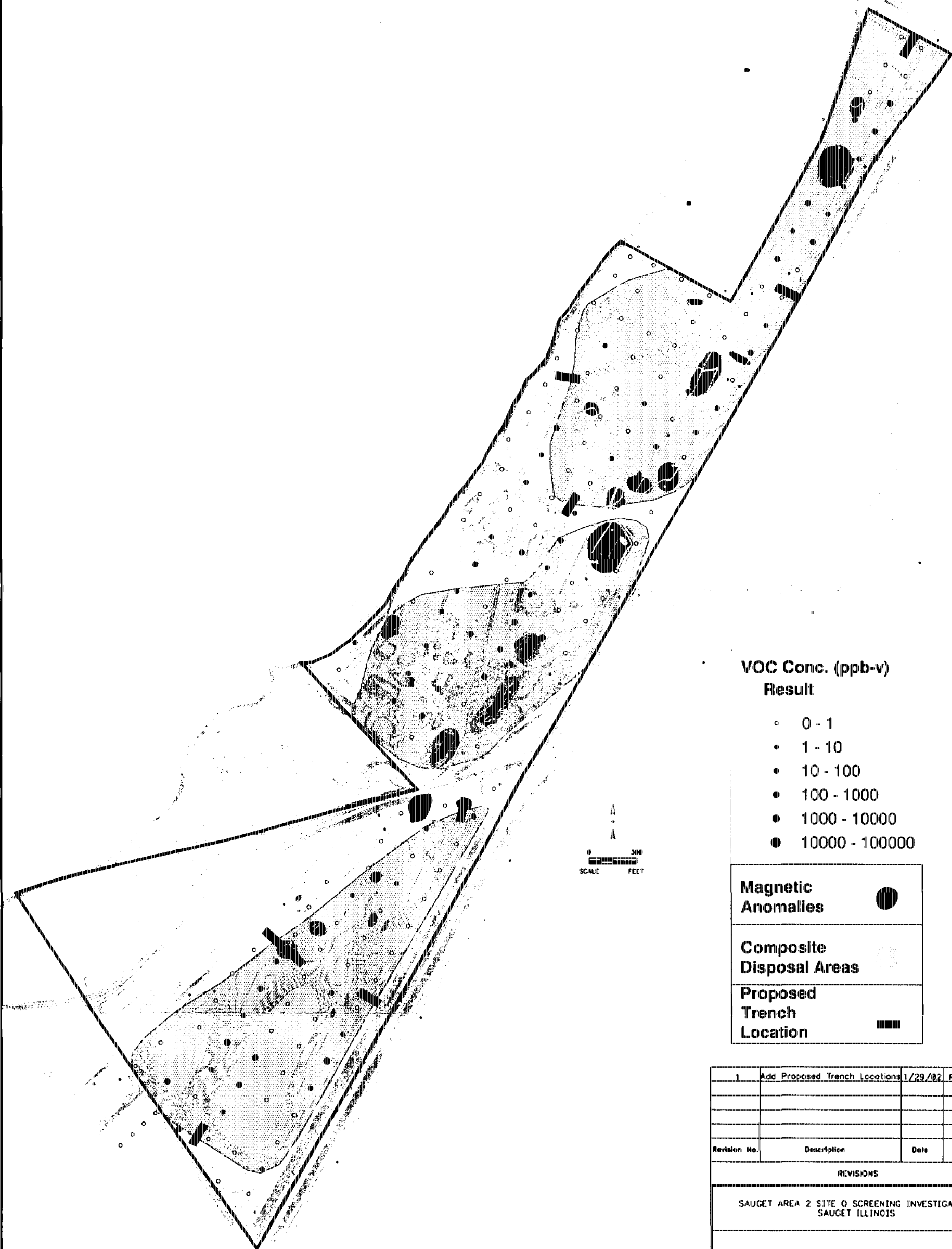
 Proposed Trench Locations
(Not to Scale)

SAUGET AREA 2 RI/FS SUPPORT SAMPLING PLAN SAUGET, ILLINOIS		PROJECT NO. 2320010024.02
URS		
DRN. BY: djd 1/31/01 DSGN. BY: bv CHKD. BY:	Site P Waste, Soil, and Leachate Sampling Locations	FIG. NO. 5



MAGNETIC GRADIENT **FIGURE 1**
CONTOUR MAP WITH
GEOPHYSICAL SURVEY GRID

12-28-01



VOC Conc. (ppb-v)
Result

- 0 - 1
- 1 - 10
- 10 - 100
- 100 - 1000
- 1000 - 10000
- 10000 - 100000

Magnetic
Anomalies



Composite
Disposal Areas



Proposed
Trench
Location



1	Add Proposed Trench Locations	1/29/02	RBV	RBV
Revision No.	Description	Date	By	App.

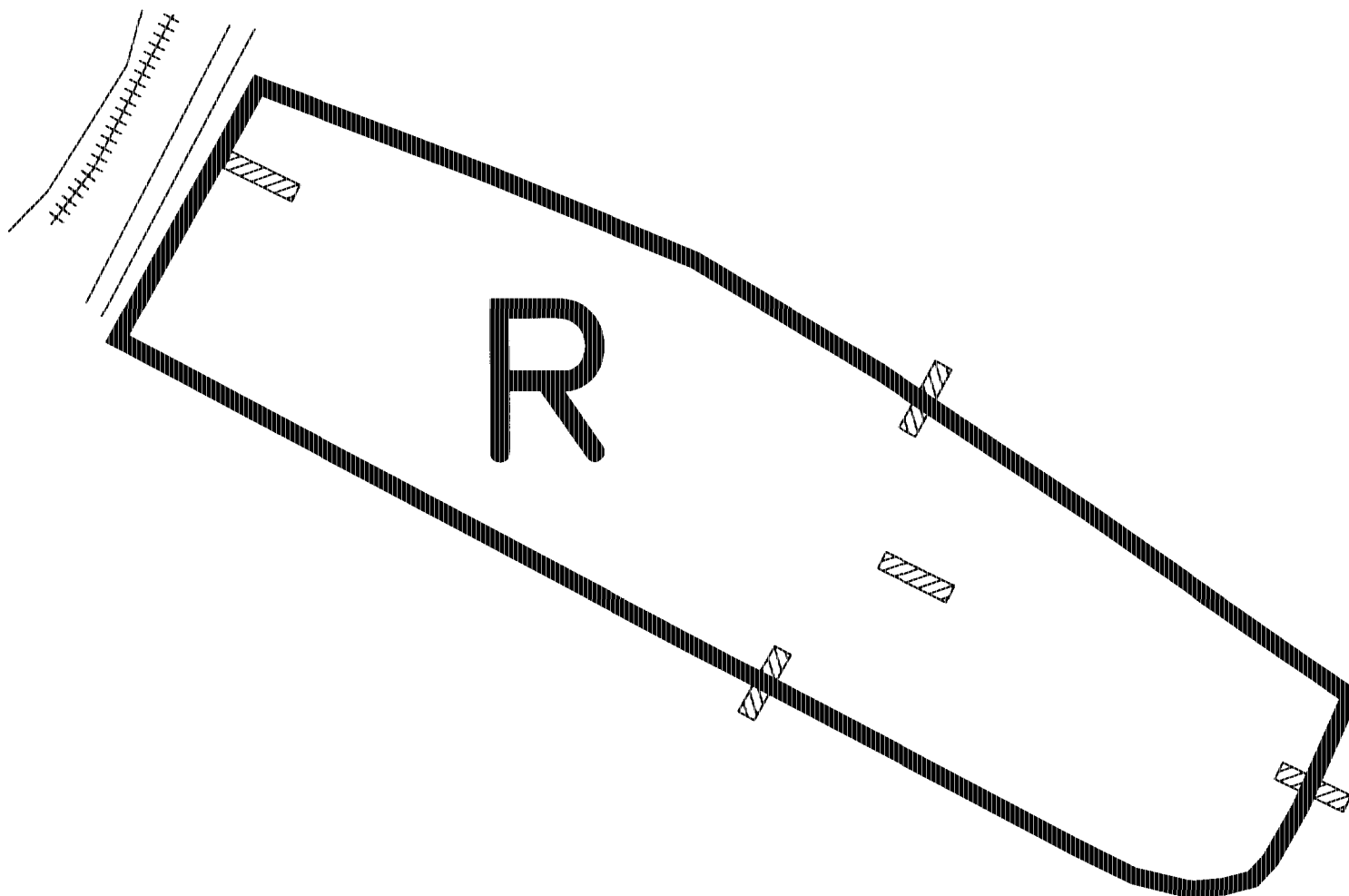
REVISIONS

SAUGET AREA 2 SITE Q SCREENING INVESTIGATION
SAUGET ILLINOIS

Composite Screening Results


Date:	1/18/02	Project Number:	23-20010024.02	Figure Number:	3
Drawn by:	pol	Design by:	sjb	Checked by:	rbv

URS



SCALE FEET

LEGEND

 Proposed Trench Locations
(Not to Scale)

SAUGET AREA 2 RI/FS SUPPORT SAMPLING PLAN
SAUGET, ILLINOIS

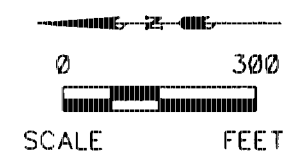
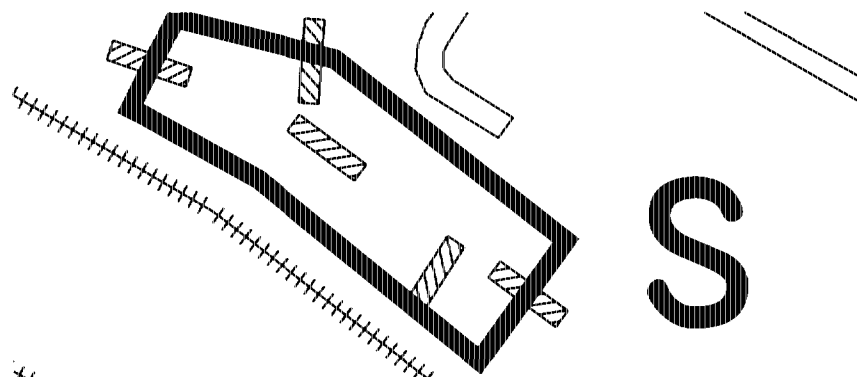
PROJECT NO.
2320010024.02

URS


DRN. BY: djd 1/31/01
DSGN. BY: bv
CHKD. BY:

Site R Waste, Soil, Stormwater, and
Leachate Sampling Locations

FIG. NO.
9



LEGEND

 Proposed Trench Locations
(Not to Scale)

SAUGET AREA 2 RI/FS SUPPORT SAMPLING PLAN SAUGET, ILLINOIS	PROJECT NO. 2320010024.02
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URS

DRN. BY: djd 1/31/01
DSGN. BY: bv
CHKD. BY:

Site S Waste, Soil, and Leachate
Sampling Locations

FIG. NO.
11